

HFS*Architects*

ARCHITECTURE
INTERIORS
PLANNING

1484 South State Street
Salt Lake City, Utah 84115
801-596-0691/F: 596-0693
www.hfsa.com

GENERAL NOTES

- ALL DIMENSIONS & EXISTING CONDITIONS IN AREAS OF WORK ARE TO BE FIELD VERIFIED PRIOR TO COMMENCING WORK - ANY DISCREPANCIES ARE TO BE REPORTED TO THE ARCHITECT OR ENGINEER OF RECORD PRIOR TO COMMENCING WORK.
- PROTECT ALL AREAS & SURFACES ADJACENT TO DEMOLITION & CONSTRUCTION. PATCH & REPAIR ANY DAMAGE OR HOLES IN WALLS, CEILINGS & FLOORS RESULTING FROM THE DEMOLITION OF EXISTING ITEMS OR THE CONSTRUCTION OF NEW ITEMS.
- NOTED AREAS INDICATED THE GENERAL EXTENT OF DEMOLITION. THE CONTRACTOR'S CHOICE OF MEANS & METHODS OF CONSTRUCTION MAY REQUIRE MORE OR LESS DEMOLITION. THE MEANS & METHODS OF DEMOLITION & CONSTRUCTION MUST BE ACCOUNTED FOR IN THE CONTRACTORS BID. ANY DEMOLITION & REPAIR TO ADJACENT SURFACES BEYOND THE AREAS INDICATED IN THE CONTRACT DOCUMENTS WILL NOT BE COMPENSATED FOR AFTER THE BID OPENING.
- PRIOR TO THE START OF DEMOLITION, THE CONTRACTOR IS TO MEET WITH THE OWNER & ARCHITECT TO IDENTIFY ALL ITEMS TO BE DEMOLISHED & REMOVED FROM SITE, ITEMS TO BE REMOVED & RETURNED TO THE OWNER, OR ITEMS TO BE REMOVED & REINSTALLED.
- 72-HOUR NOTICE IS REQUIRED FOR ANY UTILITY SHUT DOWN.
- PRIOR TO BIDDING, THE CONTRACTOR IS TO SURVEY THE EXISTING WALL CONDITIONS. ALL EXISTING NAILS, SCREWS, ABANDONED FASTENERS & HARDWARE IN THE WALLS INDICATED TO REMAIN ARE TO BE REMOVED & THE HOLES PATCHED. IN ADDITION, ALL DAMAGE TO EXISTING WALLS IS TO BE PATCHED & REPAIRED AS PART OF THE BASE BID.
- ANY REPAINTING OF SURFACES REQUIRED DUE TO DAMAGE TO FINISHES DURING DEMOLITION AND CONSTRUCTION MUST BE COMPLETE FROM CORNER TO CORNER.

FINISH LEGEND

ROOM NAME RM NUM	
FLOOR / BASE	1. WALL/INWAINSCOT

A. EXISTING CONCRETE FLOOR W/ NEW 4" RUBBER BASE	1. PAINT NEW WALLS
B. NEW CARPET W/ NEW 4" RUBBER BASE	

PARTITION LEGEND

	EXISTING MASONRY WALL TO REMAIN, TYPICAL
	EXISTING STUD WALL TO REMAIN, TYPICAL
	EXISTING EXTERIOR WALL INFILL (PLYWOOD) TO BE DEMOLISHED, TYPICAL
	NEW 6" METAL STUD WALL W/ 5/8" GYPSUM BOARD BOTH SIDES CONTINUOUS TO STEEL DECK ABOVE, TYPICAL
	NEW 3-5/8" METAL STUD WALL W/ 5/8" GYPSUM BOARD BOTH SIDES CONTINUOUS TO STEEL DECK ABOVE, TYPICAL
	NEW 6" METAL STUD WALL W/ SOUND BATT, RESILIENT CHANNEL, 5/8" GYPSUM BOARD BOTH SIDES CONTINUOUS TO STEEL DECK ABOVE, TYPICAL
	NEW 3-5/8" METAL STUD WALL W/ SOUND BATT, RESILIENT CHANNEL, 5/8" GYPSUM BOARD BOTH SIDES CONTINUOUS TO STEEL DECK ABOVE, TYPICAL
	NEW EIFS WALL INFILL, TYPICAL
	NEW 4'-0" HIGH BRACED PONY WALL W/ 3-5/8" METAL STUDS & 5/8" GYPSUM BOARD ON BOTH SIDES & TOP, PROVIDE 20 1/2"x3/16" WELDED TO 3-1/2"x3/8" PLATE, TOP & BOTTOM, ANCHOR WITH (2) TWO 1/2" ANCHOR BOLTS WITH MINIMUM 4" EMBEDMENT, TYPICAL

STORES & RECEIVING EXPANSION / RENOVATION PHASE 2

Weber State University
Ogden, Utah

PROPERTY ID#: 4016

MARK	DATE	DESCRIPTION

DATE: 28 DECEMBER 2006

AGENCY PROJECT NO: 05276810

HFSA PROJECT NO: 0528.02

CAD DWG FILE NO:

DRAWN BY: RLS

CHECKED BY: BWS

DESIGNED BY: RLS

DWG TYPE: ARCHITECTURAL

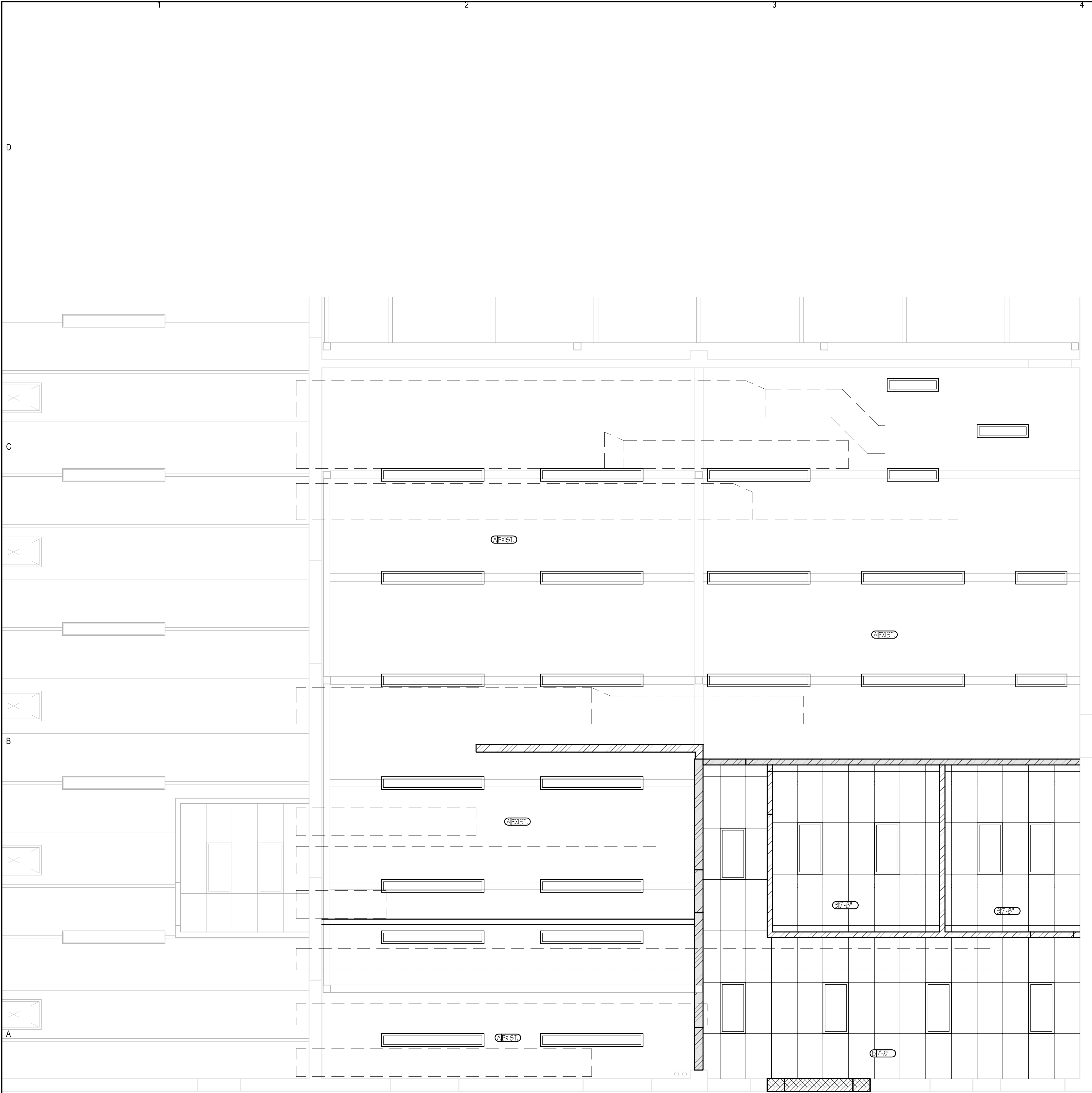
ARCHITECTURAL PHASE:
CONSTRUCTION BID SET

SHEET TITLE

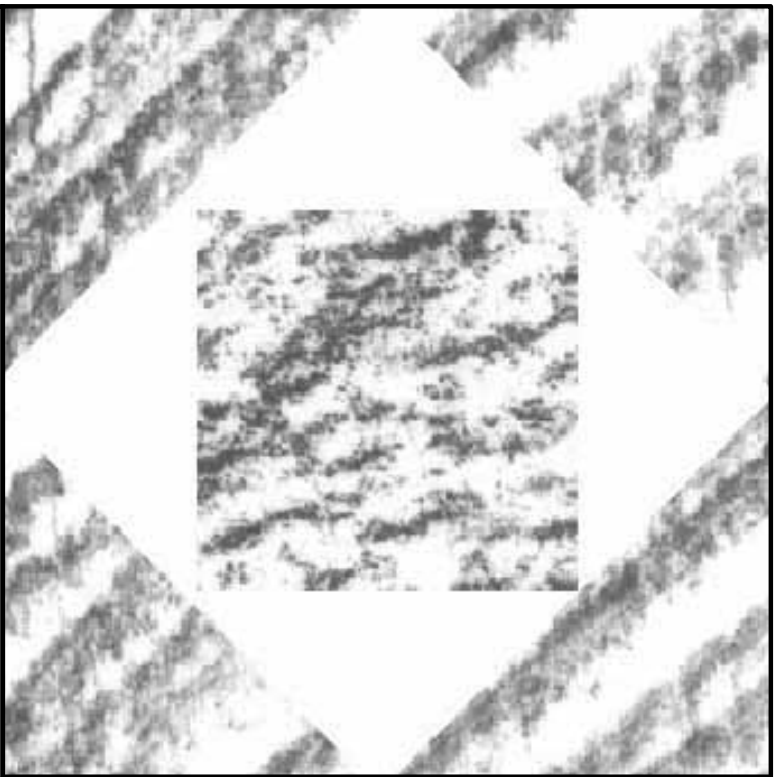
FIRST FLOOR PLAN

AE101

SHEET 3 OF 17



A3 FIRST FLOOR REFLECTED CEILING PLAN
1/8"=1'-0"



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SHEET TITLE

**FIRST FLOOR
REFLECTED
CEILING PLAN**

AE111

SHEET 4 OF 17

CEILING FINISH LEGEND

CEILING FINISH **CEILING ELEVATION**

- A. EXISTING, REPAINT AREAS DAMAGED DURING CONSTRUCTION & INSTALLATION OF PIPING, DUCTWORK, LIGHTING, ETC.
- B. NEW SUSPENDED 2'X4' CEILING GRID SYSTEM W/ ACOUSTICAL PANELS

CEILING PLAN LEGEND

- NEW 2'X4' SUSPENDED CEILING SYSTEM W/ LAY-IN ACOUSTIC PANELS
- NEW LIGHT FIXTURE, SEE ELECTRICAL DRAWINGS
- NEW LIGHT FIXTURE, SEE ELECTRICAL DRAWINGS
- NEW MECHANICAL GRILLE, SEE MECHANICAL DRAWINGS
- NEW MECHANICAL GRILLE, SEE MECHANICAL DRAWINGS
- EXISTING SKYLIGHT TO REMAIN
- EXISTING LIGHT FIXTURE TO REMAIN, SEE ELECTRICAL DRAWINGS

PARTITION LEGEND

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D

C

B

A

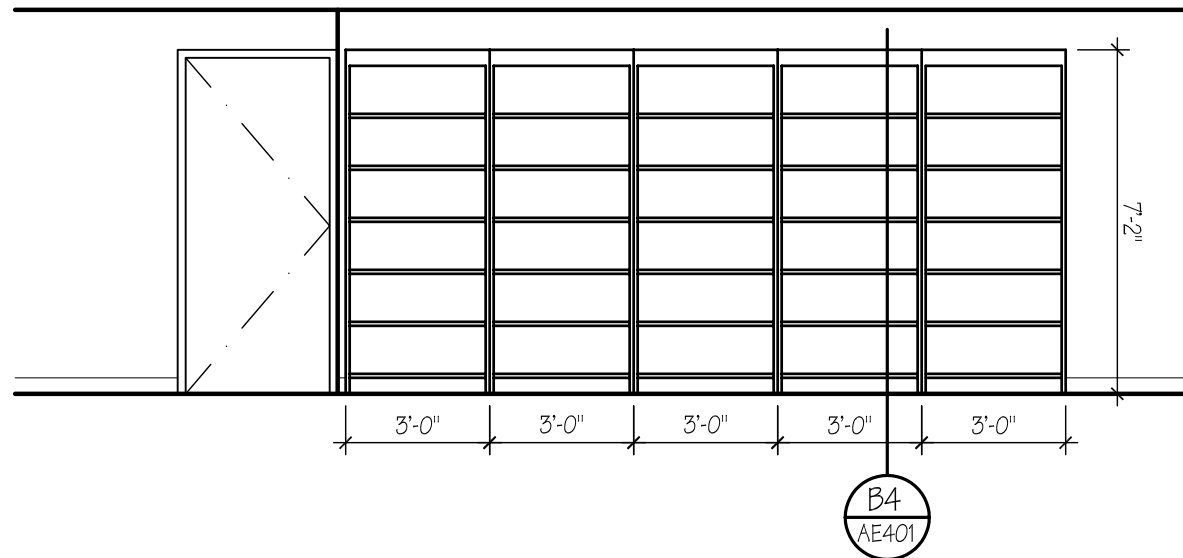
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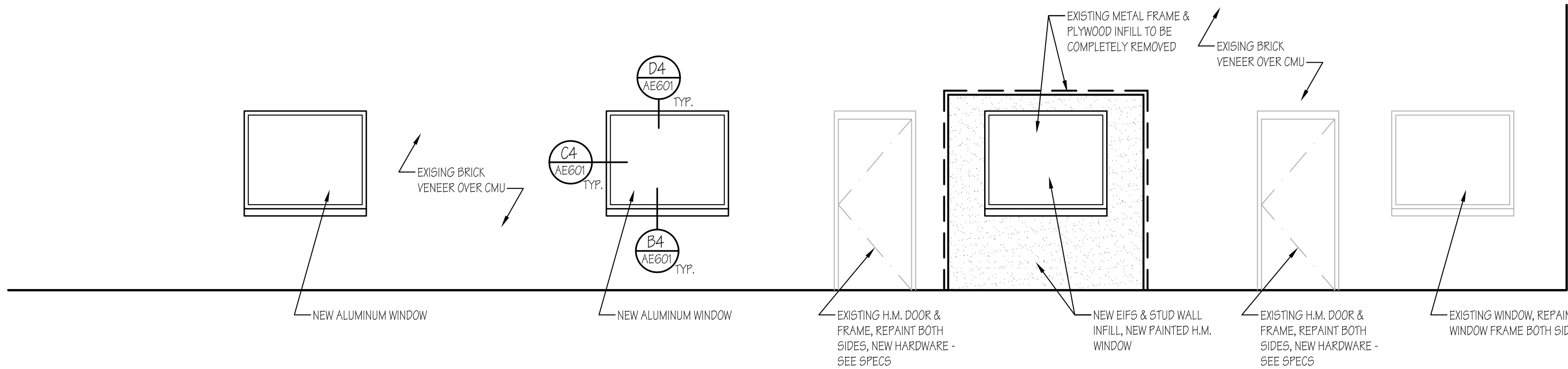
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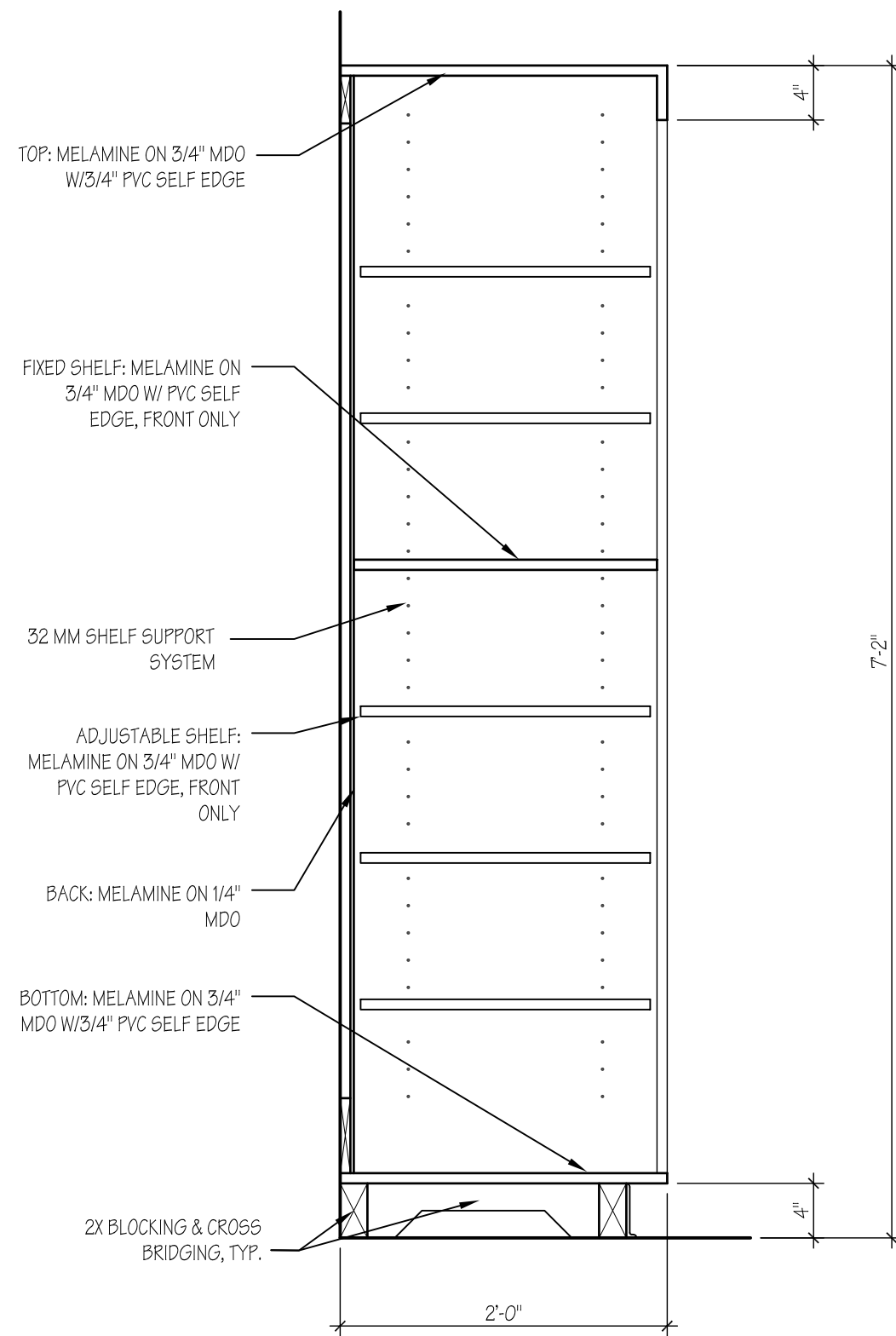
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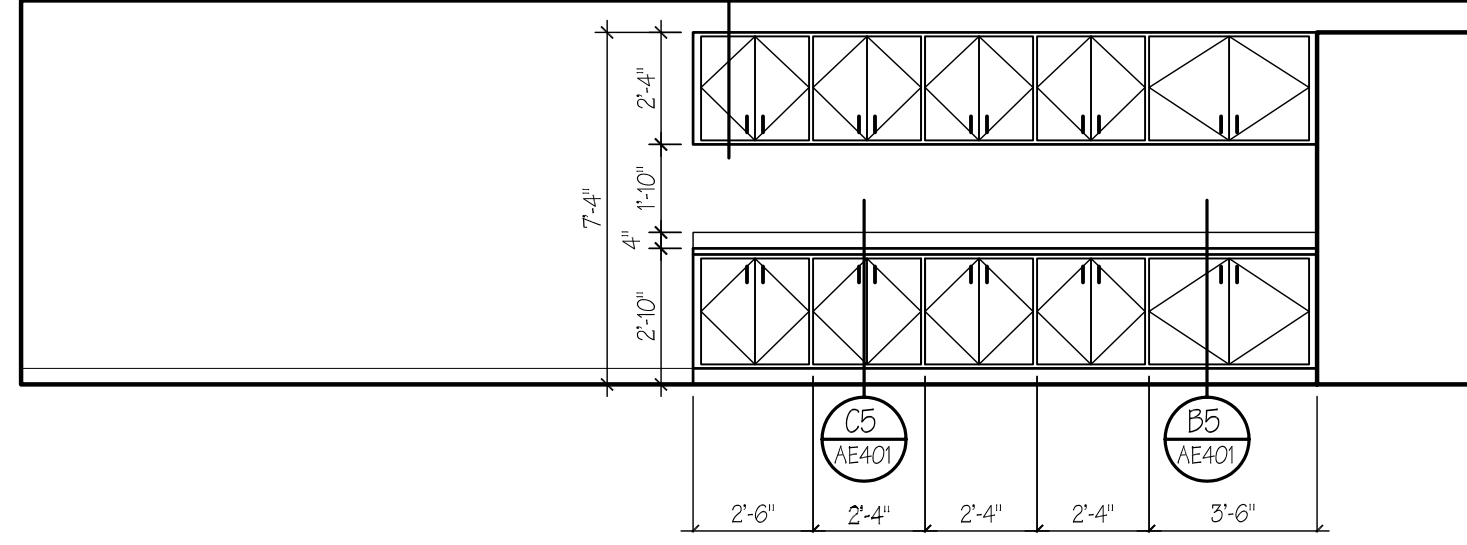
B2 INTERIOR ELEVATION
1/4"=1'-0"



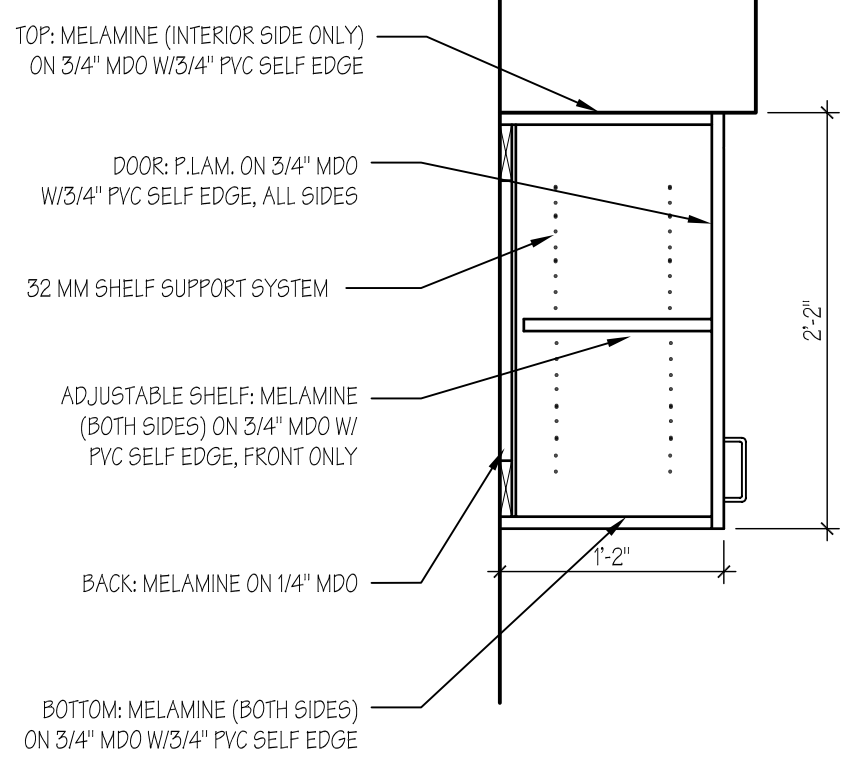
A2 INTERIOR ELEVATION
1/4"=1'-0"



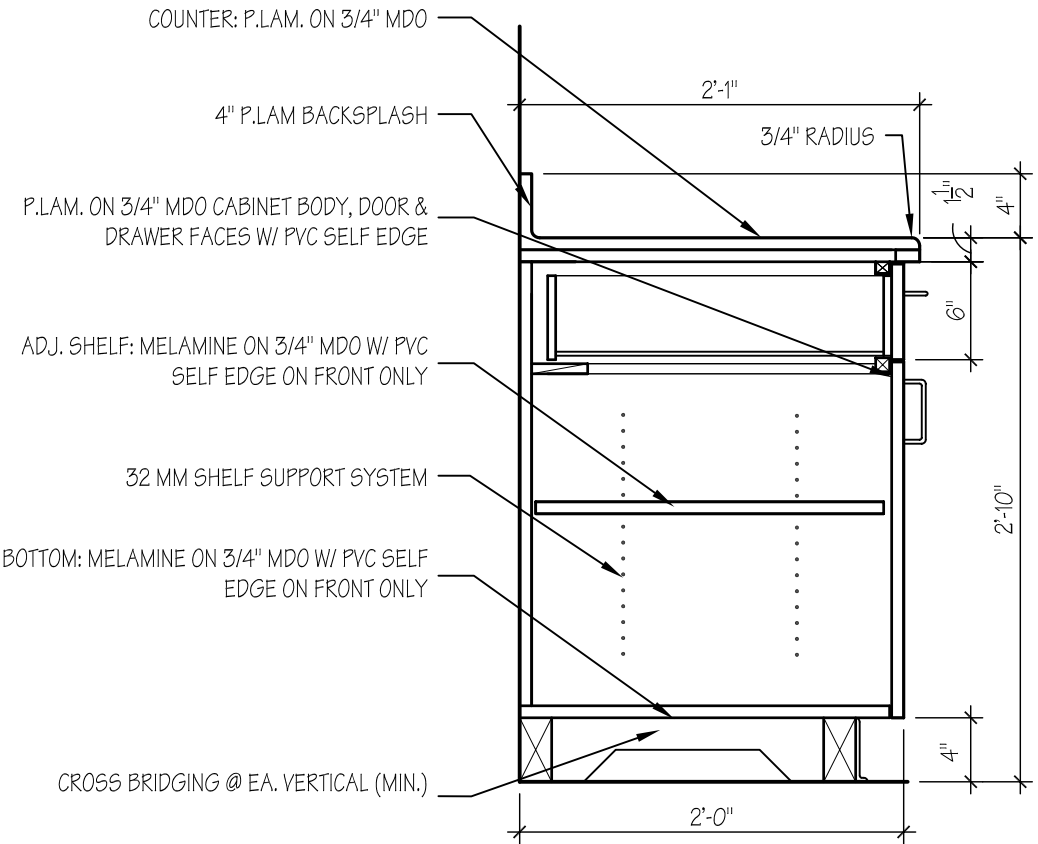
B4 CASEWORK DETAIL
1"=1'-0"



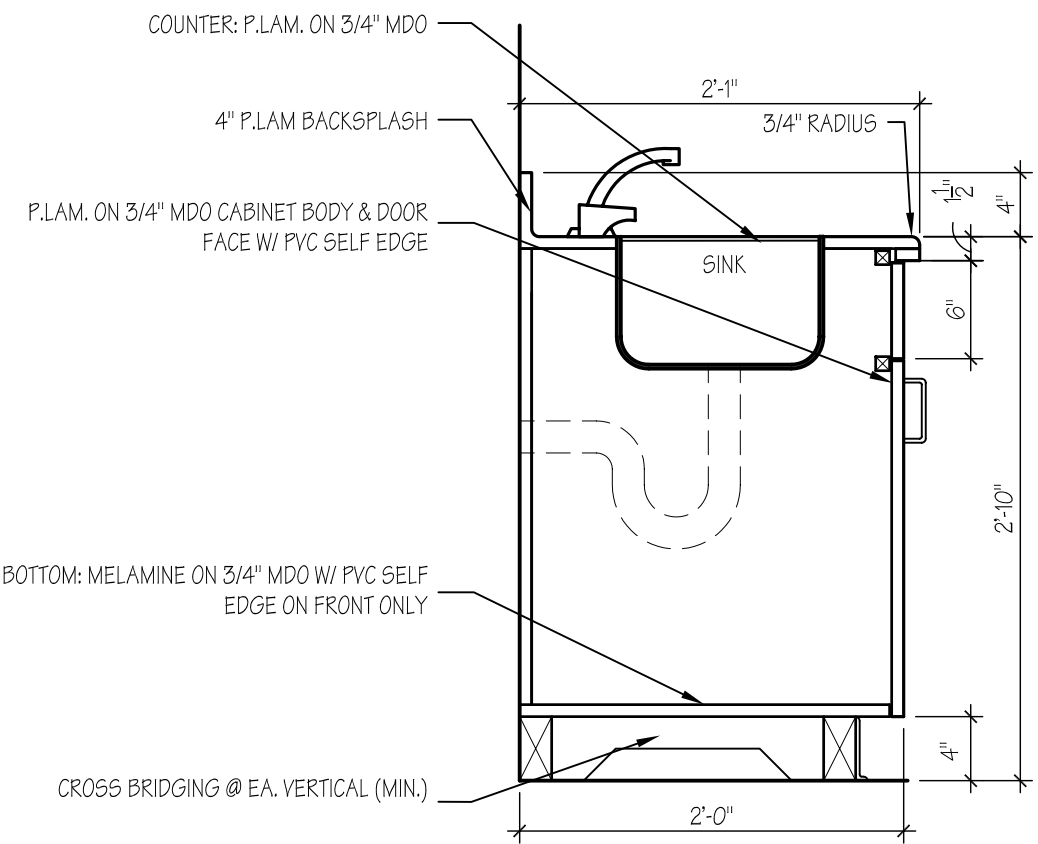
A4 INTERIOR ELEVATION
1/4"=1'-0"



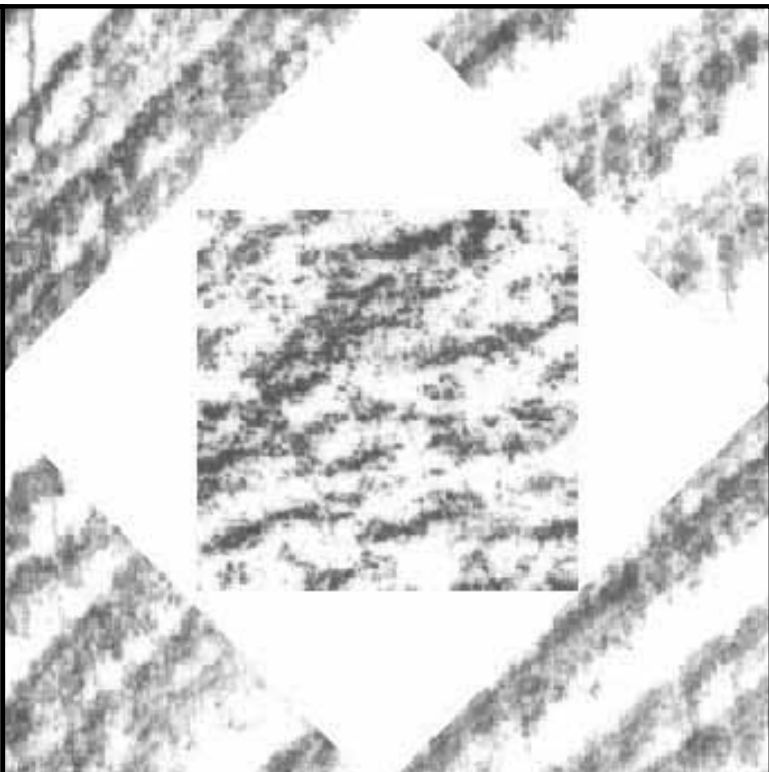
D5 CASEWORK DETAIL
1"=1'-0"



C5 CASEWORK DETAIL
1"=1'-0"



B5 CASEWORK DETAIL
1"=1'-0"



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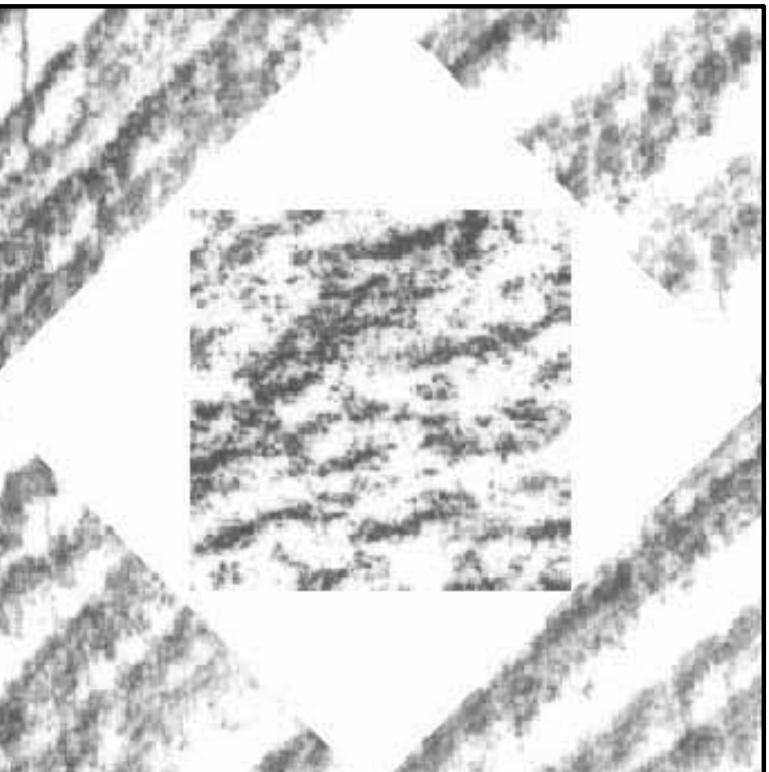
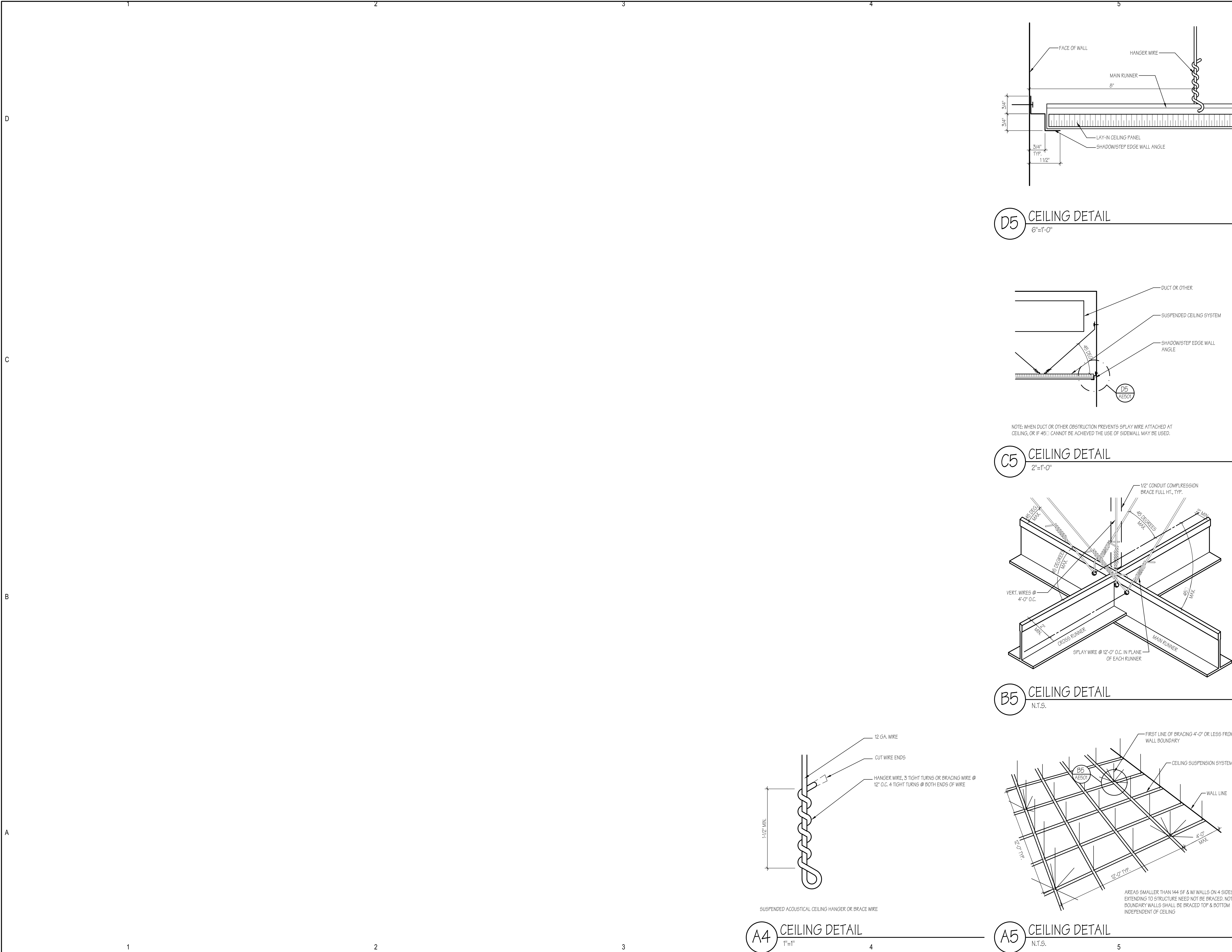
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CHECKED BY:	BWS
DESIGNED BY:	RLS
DWG TYPE:	ARCHITECTURAL
ARCHITECTURAL PHASE:	CONSTRUCTION BID SET

SHEET TITLE
**INTERIOR ELEVS.
& CASEWORK
DETAILS**
AE401
SHEET 5 OF 17



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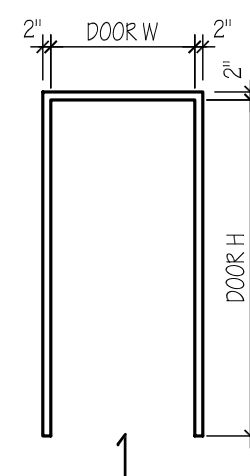
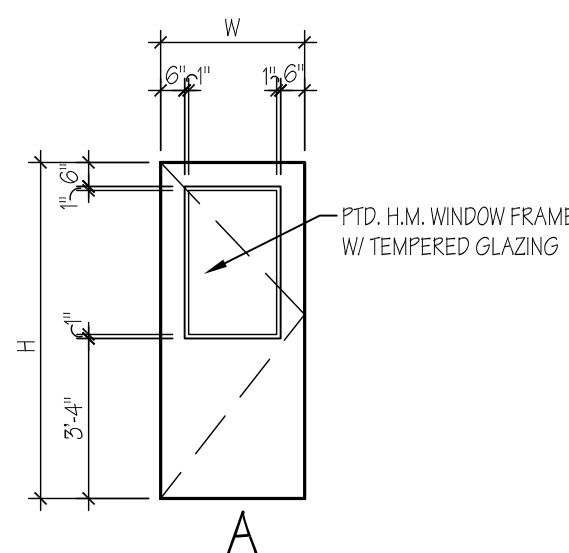
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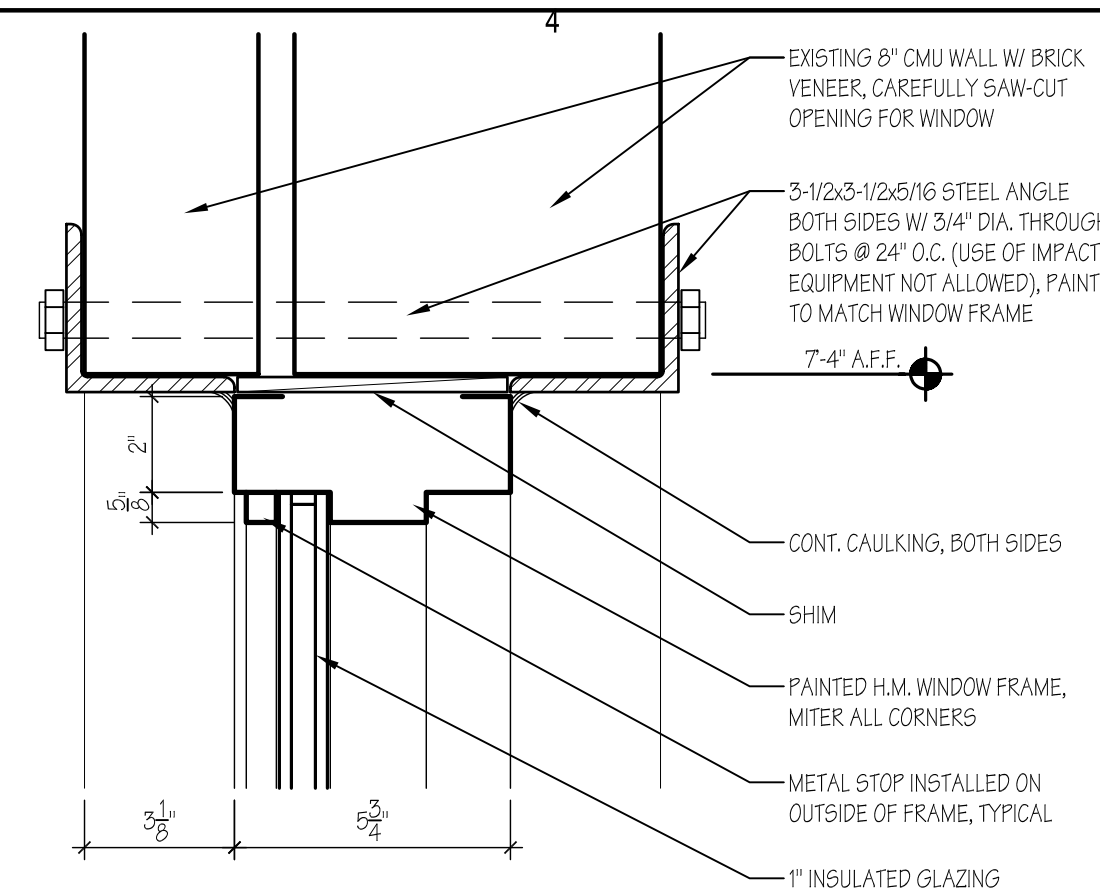
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SHEET TITLE
**CEILING &
MISCELLANEOUS
DETAILS**

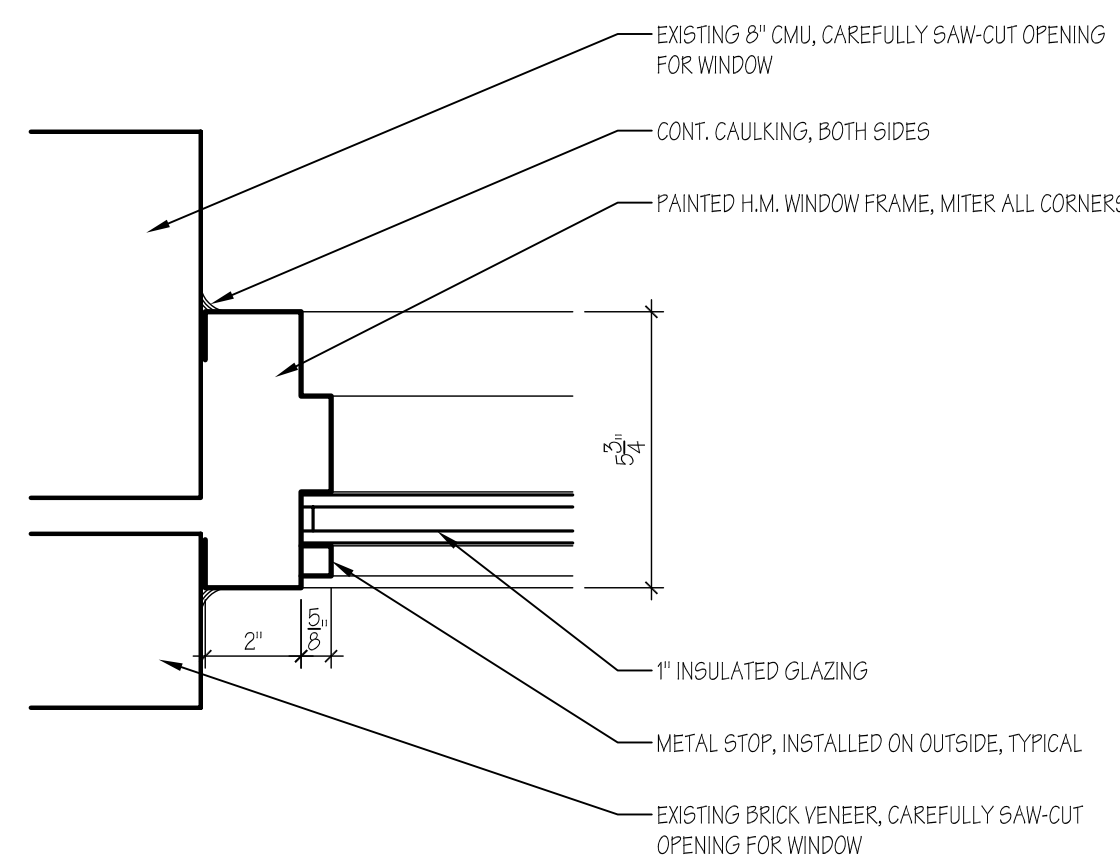


A2 DOOR TYPES
1/4"=1'-0"

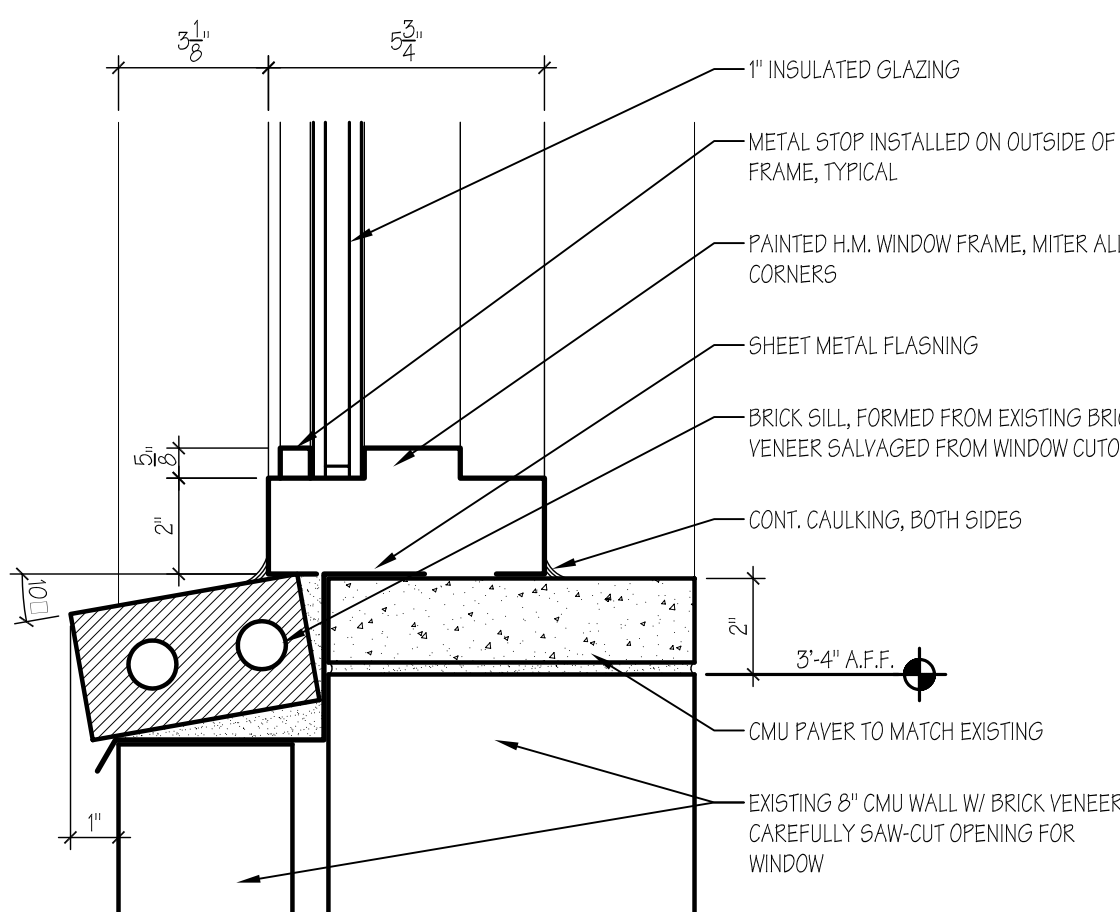
A3 FRAME TYPES



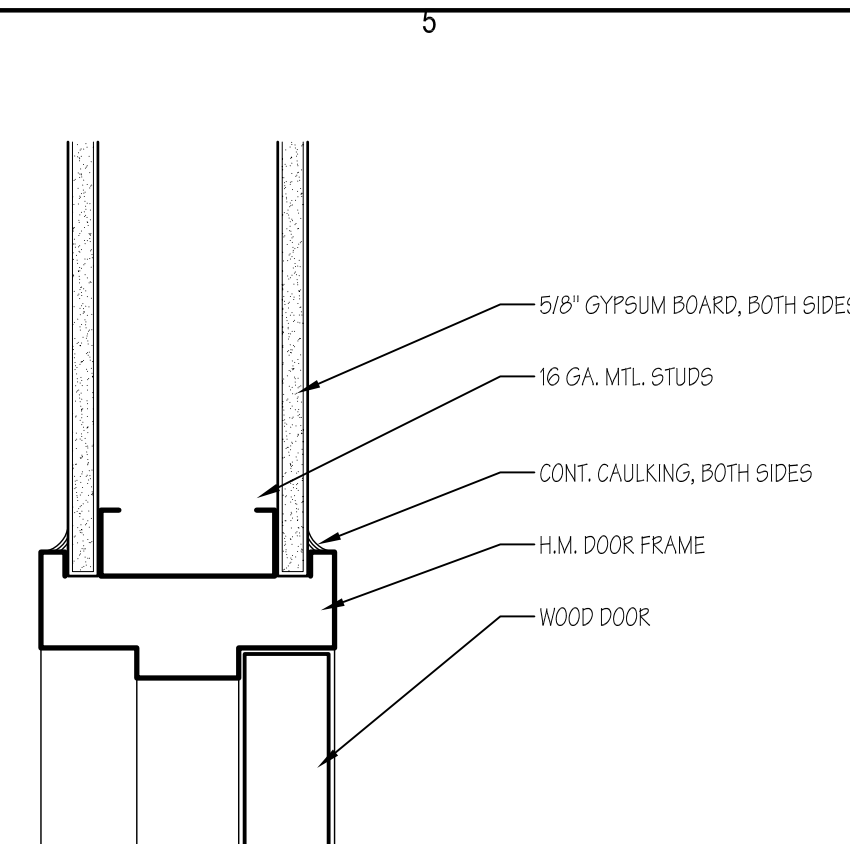
D4 H.M. WINDOW HEAD DETAIL
3"=1'-0"



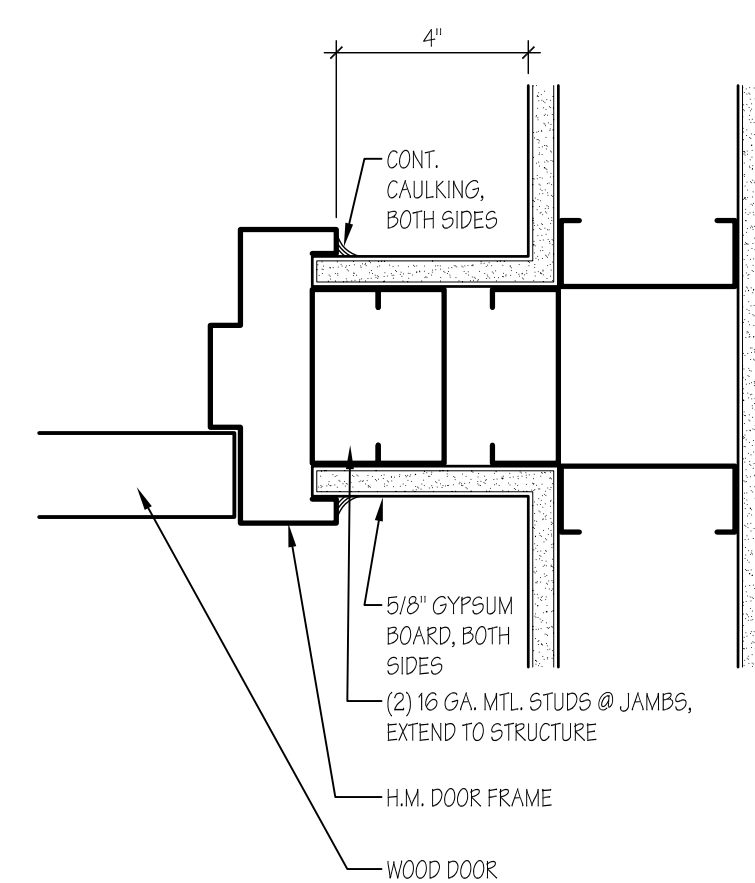
C4 H.M. WINDOW JAMB DETAIL
3"=1'-0"



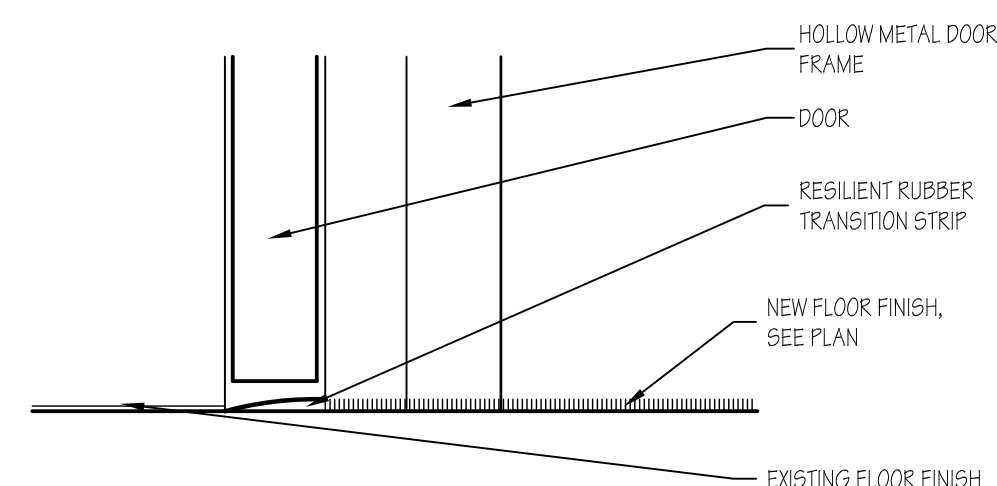
(B4) H.M WINDOW SILL DETAIL
3"=1'-0"



D5 H.M. DOOR HEAD DETAIL
3"=1'-0"



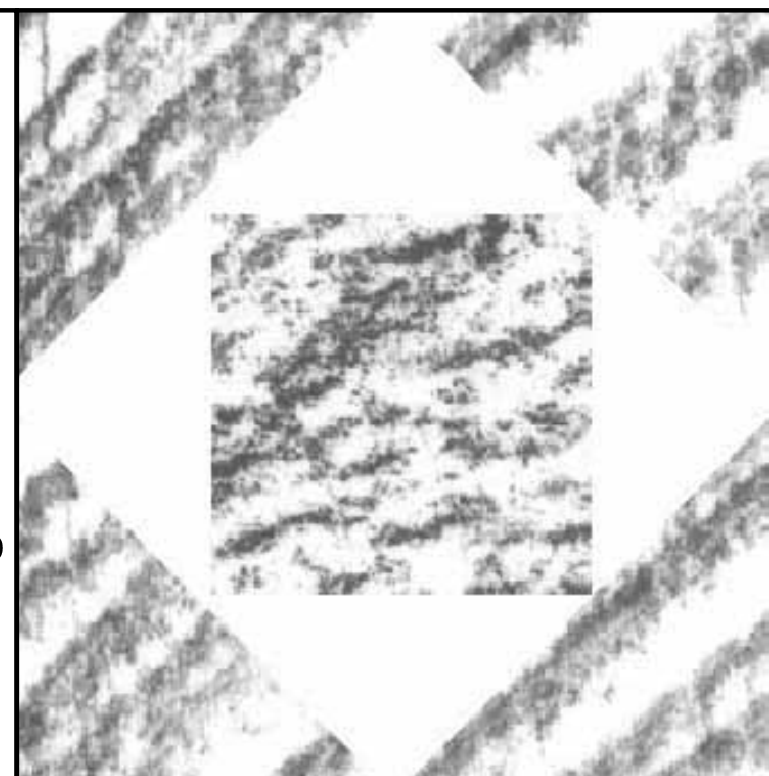
C5 H.M. DOOR JAMB DETAIL
3"=1'-0"



B5 DOOR THRESHOLD DETAIL
3"=1'-0"

[illegible]

A4 DOOR SCHEDULE
N.T.S.



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DRAWN BY: _____ RLS

CHECKED BY: _____ BWS

DESIGNED BY: _____ RLS _____

DWG TYPE:	ARCHITECTURAL
ARCHITECTURAL PHASE	

ARCHITECTURAL PHASE:
CONSTRUCTION BID SET

SHEET TITLE

DOOR SCHEDULE, DOOR & WINDOW DETAILS

AE601

SHEET 7 OF 17

LEGEND OF MECHANICAL SYMBOLS AND ABBREVIATIONS

MECHANICAL

	POSITIVE PRESSURE DUCT – RISE
	POSITIVE PRESSURE DUCT – DROP
	NEGATIVE PRESSURE DUCT – RISE
	NEGATIVE PRESSURE DUCT – DROP
	ROUND DUCT – RISE
	ROUND DUCT – DROP
	UNDER FLOOR DUCT
	TURNING VANES
	FRESH AIR LOUVER
	RELIEF AIR OR EXHAUST AIR LOUVER
	CEILING SUPPLY DIFFUSER
	CEILING RETURN REGISTER
	CEILING EXHAUST REGISTER, (BALANCE TO MATCH SUPPLY IF RETURN CFM IS NOT SHOWN)
	SIDEWALL SUPPLY REGISTER
	SIDEWALL EXHAUST OR RETURN REGISTER
	CEILING SUPPLY DIFFUSER WITH FLEXIBLE DUCT
	CEILING AIR GRILLE WITH FLEXIBLE DUCT
	CEILING RETURN AIR GRILE W/ SOUND BOOT
	LINEAR DIFFUSER WITH PLENUM AND FLEXIBLE DUCT CONNECTION. NO. OF SLOTS & SIZE OF SLOT ON TOP, ACTIVE LENGTH AND CFM ON BOTTOM
	FLEXIBLE DUCT CONNECTION
	FLEXIBLE DUCT
	FAN
	FLAT OVAL DUCT WITH NET INSIDE DIMENSIONS SHOWN IN INCHES.
	RECTANGULAR DUCT WITH NET INSIDE DIMENSIONS SHOWN IN INCHES.
	ROUND DUCT WITH NET INSIDE DIMENSIONS SHOWN IN INCHES.
	INCLINED RISE
	INCLINED DROP
	R/W=1. ROUND DUCT SIMILAR TO RECTANGULAR
	RECTANGULAR TO RECTANGULAR OR ROUND TO ROUND DUCT TRANSFORMATION MAXIMUM 15° INCLUDED ANGLE EXCEPT WHERE SHOWN OTHERWISE.
	RECTANGULAR TO ROUND DUCT TRANSFORMATION
	BRANCH DUCT SPLIT WITH 6" WIDTH AND MIN. R=WIDTH OF BRANCH DUCT DOWNSTREAM. ELBOW TURNING VANE OPTIONAL.
	TAP ENTRY AREA EQUALS 150% OF BRANCH AREA
	HIGH EFFICIENCY FITTING
	MANUAL VOLUME DAMPER
	FIRE DAMPER IN DUCT, W/ ACCESS PANEL REQD.
	COMBINATION FIRE/SMOKE DAMPER W/ ACCESS PANEL
	SMOKE DAMPER W/ ACCESS PANEL
	BACK DRAFT DAMPER
	ATC DAMPER
	ACCESS PANEL IN DUCT OR PLENUM
	HEATING OR COOLING COIL IN DUCT
	SINGLE DUCT AIR TERMINAL BOX VARIABLE OR CONSTANT VOLUME. MIN. 1-1/2" TERMINAL INLET SIZE. STRAIGHT DUCT AT TERMINAL INLET.
	4-WAY BLOW PATTERN
	3-WAY BLOW PATTERN
	2-WAY BLOW PATTERN
	2-WAY BLOW PATTERN
	1-WAY BLOW PATTERN
	DUCT SMOKE DETECTOR
	UNIT HEATER

PLUMBING

	FLOOR SINK
	FLOOR DRAIN
	FLOOR CLEAN-OUT OR CLEAN-OUT TO GRADE
	ROOF DRAIN
	DOWNSPOUT NOZZLE
	ARROW INDICATES DIRECTION OF FLOW IN PIPE
	CHECK VALVE
	PRESSURE REDUCING, EXTERNAL PRESSURE VALVE
	PRESSURE REDUCING, SELF CONTAINED VALVE
	ATC VALVE – 2 WAY
	ATC VALVE – 3 WAY
	SOLENOID VALVE
	GATE VALVE
	GATE VALVE – NON RISING STEM
	GLOBE VALVE
	TEMPERATURE AND PRESSURE TEST PORT
	PRESSURE SWITCH
	GAS COCK
	CALIBRATED BALANCING VALVE WITH GPM INDICATED
	FLOW CONTROL VALVE
	BRANCH – BOTTOM CONNECTION
	BRANCH – TOP CONNECTION
	BRANCH – SIDE CONNECTION
	RISE OR DROP
	RISER – DOWN (ELBOW)
	RISER – DOWN (ELBOW)
	VENT THRU ROOF
	WATER HAMMER ARRESTOR
	INLINE PUMP
	INLINE PUMP
	CLEAN-OUT
	RELIEF VALVE
	ANGLE VALVE
	FLOW METER
	UNION
	BALANCING COCK
	SHUT-OFF COCK FOR USE WITH PRESSURE GAUGE
	FLEXIBLE EXPANSION JOINT
	THERMOMETER – TEMP RANGE AS INDICATED
	PRESSURE GAUGE WITH SHUT-OFF COCK
	PRESSURE GAUGE WITH PIGTAIL
	LATERAL STRAINER WITH BLOW-OFF VALVE, PROVIDE HOSE END WITH CAP WHERE DISCHARGE IS NOT PIPED TO DRAIN
	BALL VALVE (PIPE SIZES 2" AND SMALLER)
	BUTTERFLY VALVE (PIPE SIZES 2-1/2" AND LARGER)
	MOTOR OPERATED BUTTERFLY VALVE
	VALVE IN RISE
	AIR VENT–MANUAL
	AIR VENT–AUTO
	FLOW SWITCH
	REDUCER
	CONCENTRIC REDUCER
	ECCENTRIC REDUCER

PLUMBING CONT.

	HOSE BIBB
	PIPE CAP
	SWITCH
	SENSOR
	THERMOSTAT
	NIGHT THERMOSTAT
	FILL PORT
	DRAIN PAN AND P–TRAP
	FIXTURE FROM LEVEL ABOVE
	FLOW METER ORIFICE
	FLANGE
	90° ELBOW
	45° ELBOW
	STEAM TRAP, F&T=FLOAT & THERMOSTATIC B=BUCKET, T=THERMOSTATIC
	LEADER INDICATES DOWNWARD SLOPE
	DEMOLITION
	ALIGNMENT GUIDE
	ANCHOR

SYMBOLS

	PLUMBING FIXTURES
	POINT OF CONNECTION
	SECTION TAG – TOP FIGURE IS SECTION NO., BOTTOM FIGURE IS SHEET NO.
	DETAIL TAG – TOP FIGURE IS DETAIL NO., BOTTOM FIGURE IS SHEET NO.
	EQUIPMENT IDENTIFICATION
	KEYED NOTE IDENTIFICATION

FIRE

	HOSE VALVE
	NRS GATE VALVE WITH SUPERVISION
	FLOW SWITCH
	FIRE RISER
	SPRINKLER HEAD
	FIRE SPRINKLER WATER

LINETYPES

	ACID VENT
	ACID WASTE
	BOILER BLOW DOWN
	BOILER FEED WATER
	BRINE
	CARBON DIOXIDE
	COMPRESSED AIR
	CHEMICAL FEED
	CHILLED WATER SUPPLY
	CHILLED WATER RETURN
	CONDENSER WATER SUPPLY
	CONDENSER WATER RETURN
	DOMESTIC COLD WATER (DCW)
	DOMESTIC HOT WATER (DHW)
	DOMESTIC HOT WATER RETURN (DHW)
	DEIONIZED WATER SUPPLY
	DEIONIZED WATER RETURN
	EXISTING PIPING
	EXISTING PIPING TO BE REMOVED
	GLYCOL HEAT RECOVERY PIPING
	GLYCOL PIPING SOLUTION
	FUEL OIL RETURN
	FUEL OIL SUPPLY
	FUEL OIL VENT
	NATURAL GAS
	HOT GAS
	HELICOPTER FUEL RETURN
	HELICOPTER FUEL SUPPLY
	HIGH PRESSURE DOMESTIC WATER
	HIGH PRESSURE CONDENSATE
	HIGH PRESSURE STEAM
	HEATING HOT WATER RETURN
	HEATING HOT WATER SUPPLY
	INSTRUMENT AIR
	INSTRUMENT AIR AT PRESSURE INDICATED
	LAB AIR
	LAB VACUUM
	LOW PRESSURE CONDENSATE
	LIQUIFIED PETROLEUM GAS
	LOW PRESSURE STEAM
	MEDICAL AIR
	MEDICAL AIR AT PRESSURE INDICATED
	MEDIUM PRESSURE CONDENSATE
	MEDIUM PRESSURE STEAM
	MAKE UP WATER
	MEDICAL VACUUM
	NITROGEN
	NITROUS OXIDE
	MEDICAL OXYGEN
	MEDICAL OXYGEN AT PRESSURE INDICATED
	PUMPED CONDENSATE

LINETYPES CONT.

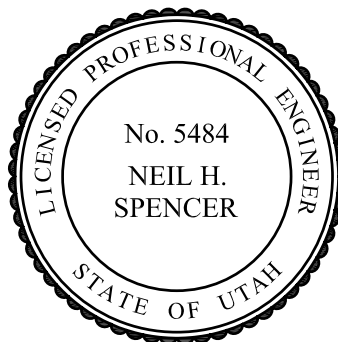
	REVERSE OSMOSIS WATER SUPPLY
	REVERSE OSMOSIS WATER RETURN
	ROOF DRAIN
	ROOF DRAIN OVERFLOW
	REFRIGERANT LIQUID
	REFRIGERANT SUCTION
	SEWER (BELOW GRADE)
	SEWER (ABOVE GRADE)
	SOFT DOMESTIC WATER (SW)
	VACUUM
	VENT (SEWER)

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330 South 300 East
Salt Lake City, UT 84111
801.530.3148 T
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1020 W Fountainhead Pkwy
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480.889.5075 T
480.889.5076 F
1704 W Sunset Blvd #3
St. George, UT 84770
435.674.2708 T
435.674.4800 F



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DESIGNED BY:	
DWG TYPE:	MECHANICAL
ARCHITECTURAL PHASE:	100% CONSTRUCTION DRAWINGS
SHEET TITLE	

FIRST FLOOR HVAC
PLAN

M001

PACKAGED ROOFTOP UNIT SCHEDULE																	
ID	MANUFACTURER	MODEL	SUPPLY FAN		HEATING SECTION			COOLING SECTION				FILTER	ELECTRICAL				NOTES
			AIRFLOW RATE (CFM)	EXTERNAL STATIC PRESSURE (IN. WATER)	HEATING LOAD (BTU/H)	ENTERING/ LEAVING AIR TEMP. (°F)	MEDIUM	COOLING LOAD (BTU/H)	ENTERING AIR TEMP. DB/WB (°F)	LEAVING AIR TEMP. DB/WB (°F)	MEDIUM	EFFICIENCY	TOTAL MCA	SUPPLY FAN MOTOR (HP)	RELIEF FAN MOTOR (HP)	SINGLE POINT VOLT/PH/Hz	
RTU-1	AAON	RM-A04	1900	1	76,300	70/105	NAT GAS	43,000	77/62	55/54	DX	30	28	1.5	1	208/3/60	1, 2
RTU-2	AAON	RM-025	8000	1	330,000	70/105	NAT GAS	248,000	85/62	51/50	DX	30	140	5	1	208/3/60	1, 2

1. COMPLETE WITH CENTRIFUGAL POWER RELIEF
2. ROOF CURB FURNISHED WITH UNIT

KEYED NOTES

- 1 34" X 10" RA DUCT UP. SEE SHEET MH102.
2 34" X 10" SA DUCT UP. SEE SHEET MH102.
3 26" X 10" RA DUCT UP. SEE SHEET MH102.
4 26" X 10" SA DUCT UP. SEE SHEET MH102.
5 20" X 8" SA DUCT UP. SEE SHEET MH102.
6 20" X 8" RA DUCT UP. SEE SHEET MH102.
7 DROP DUCTWORK BELOW BEAM.
8 PROVIDE BALANCING DAMPER IN DROP.
9 EXHAUST HOOD OVER PRESS. SEE DETAIL.
10 BALANCE TO 1260 CFM.

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STORES & RECEIVING
EXPANSION / RENOVATION
PHASE 2

Weber State University
Ogden, Utah

PROPERTY ID#: 4016

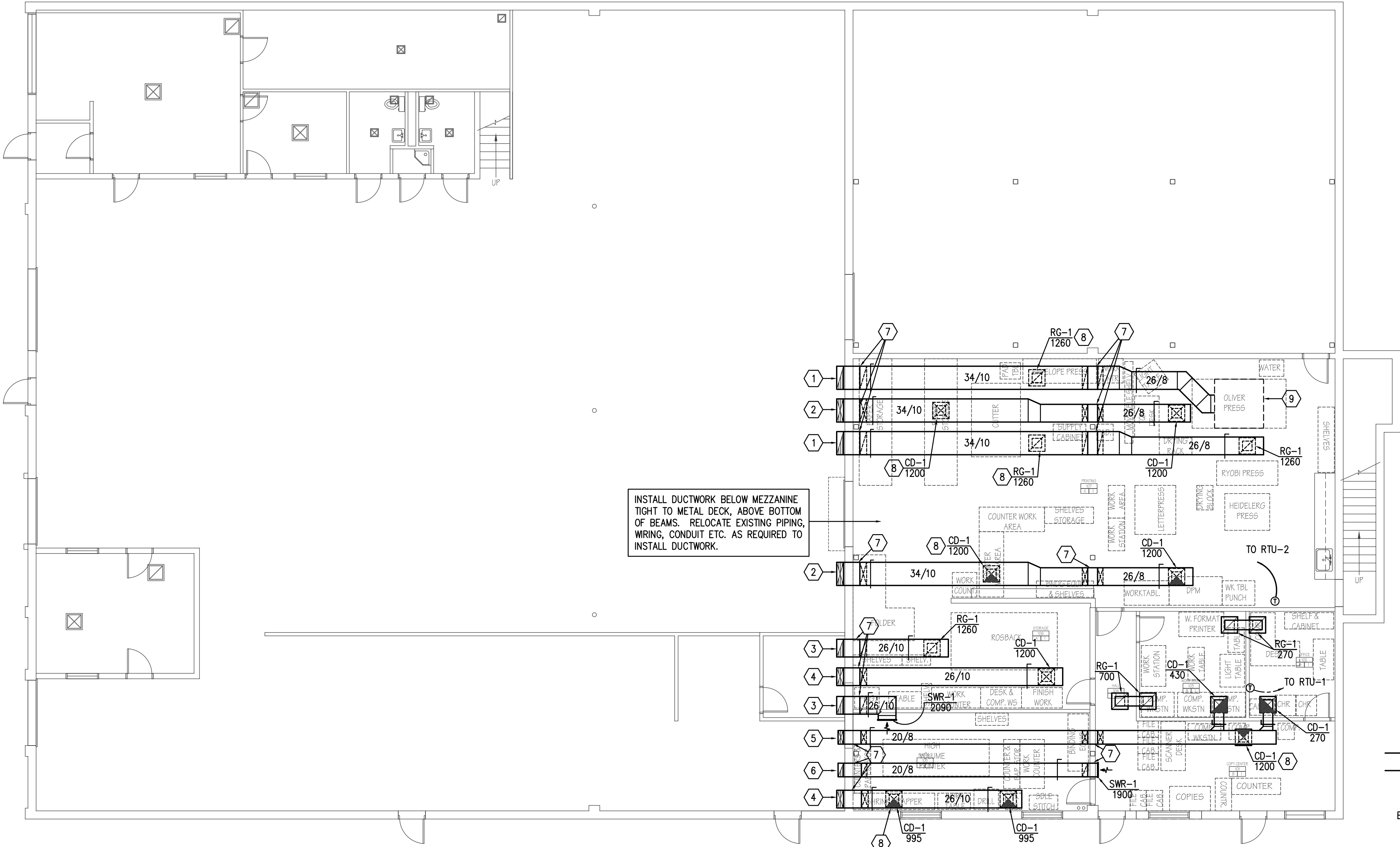
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HFSA PROJECT NO:	0528.02
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DRAWN BY:	
CHECKED BY:	
DESIGNED BY:	
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ARCHITECTURAL PHASE:	100% CONSTRUCTION DRAWINGS
SHEET TITLE	

FIRST FLOOR HVAC
PLAN

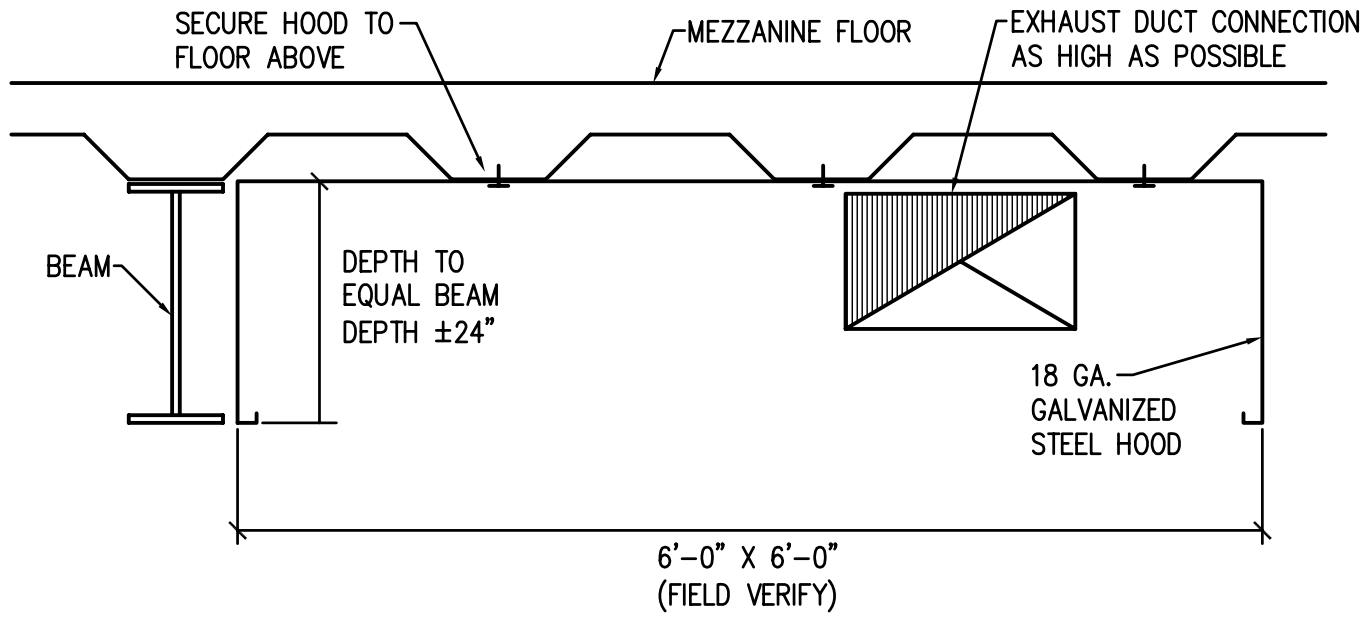
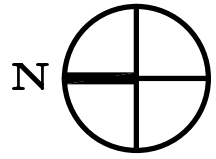
MH101

SHEET 8 OF 17



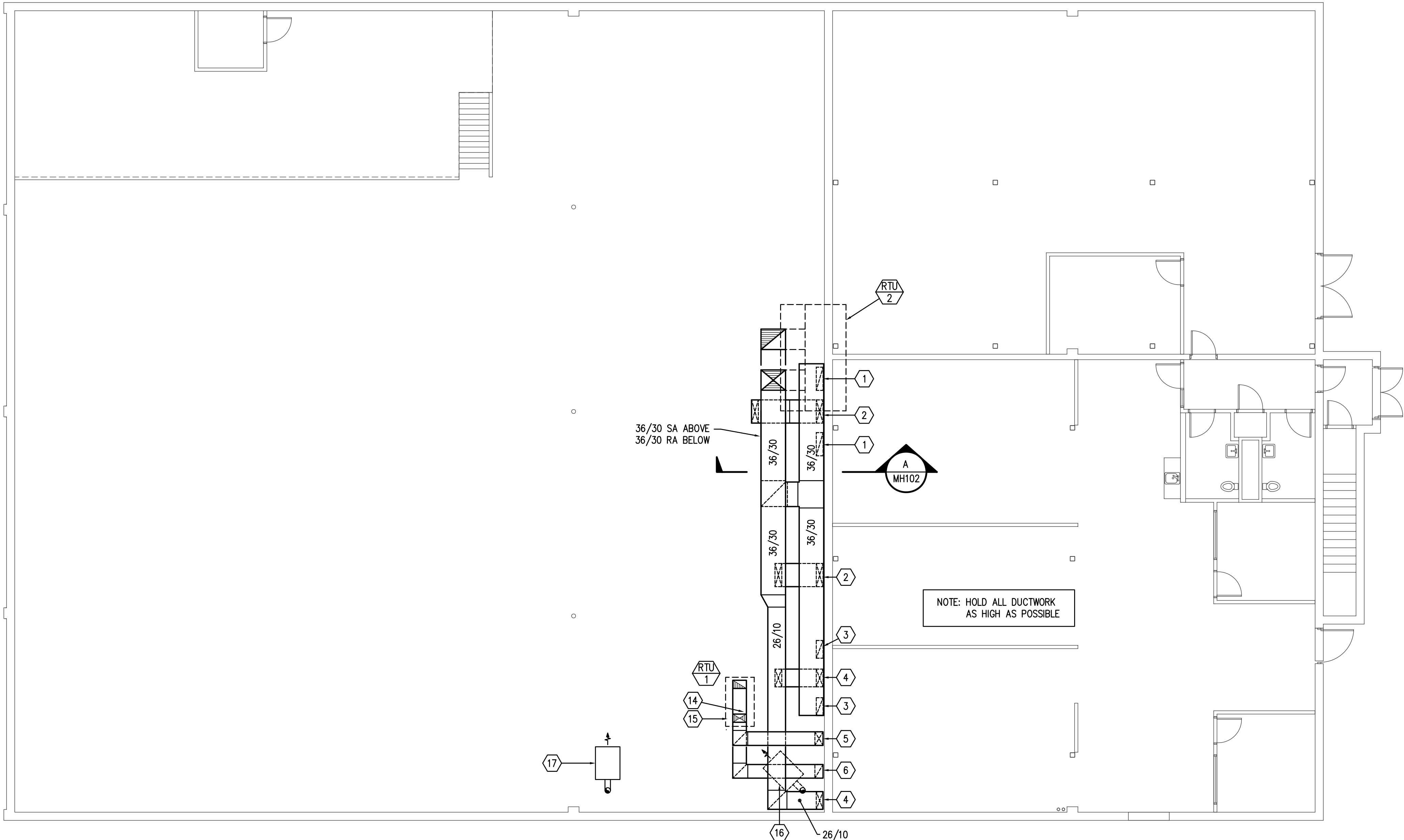
FIRST FLOOR HVAC PLAN

SCALE: 1/8" = 1'-0"



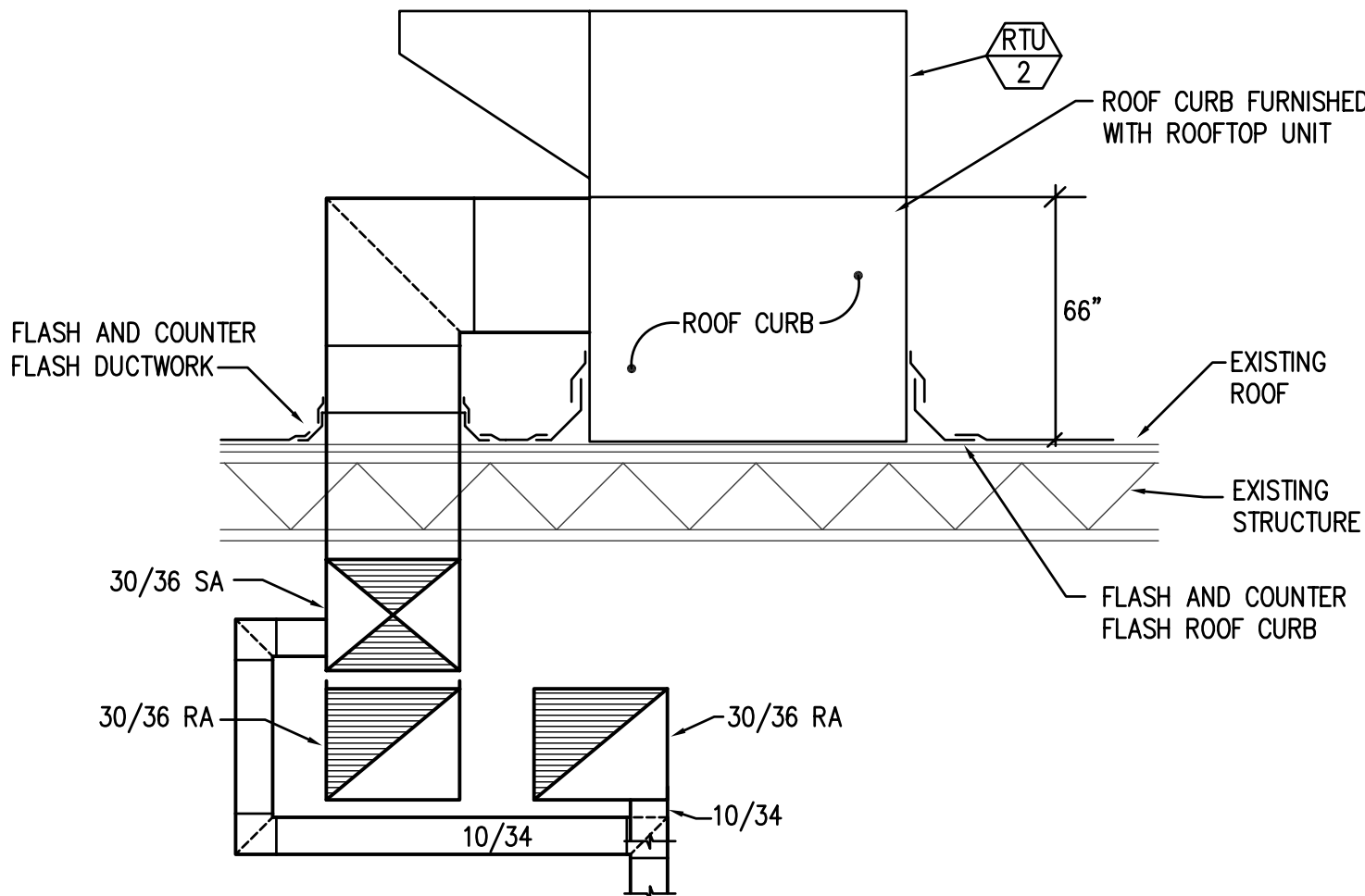
1 EXHAUST HOOD DETAIL

MH101 SCALE: 1/16" = 1'-0"



KEYED NOTES

- 1 34/10 RA DOWN. SEE SHEET MH101.
- 2 34/10 SA DOWN. SEE SHEET MH101.
- 3 26/10 RA DOWN. SEE SHEET MH101.
- 4 26/10 SA DOWN. SEE SHEET MH101.
- 5 20/8 SA DOWN. SEE SHEET MH101.
- 6 20/8 RA DOWN. SEE SHEET MH101.
- 7 RA DUCT BELOW SUPPLY AIR DUCT.
- 8 RA BELOW DUCTWORK FROM FROM RTU-1.
- 9 SLOPE DOWN BELOW RA DUCT.
- 10 24" X 90" RA DUCT UP TO RTU.
- 11 42" X 64" UP TO RUT ON ROOF. TRANSITION IN CURB AS REQUIRED TO CONNECT TO UNIT.
- 12 14" X 38" RA UP TO RTU UNIT.
- 13 22" X 38" SA UP TO RTU UNIT.
- 14 14" X 34" RA UP TO RTU UNIT.
- 15 20" X 20" SA UP TO RTU UNIT.
- 16 RELOCATE EXISTING GAS FIRED UNIT HEATER AND FLUE THRU ROOF.
- 17 REINSTALL EXISTING GAS FIRED UNIT HEATER AND FLUE THRU ROOF. EXTEND GAS LINE TO NEW HEATER LOCATION.



UPPER FLOOR HVAC PLAN

SCALE: 1/8" = 1'-0"



A
MH102
ROOFTOP UNIT SECTION
SCALE: 1/4" = 1'-0"

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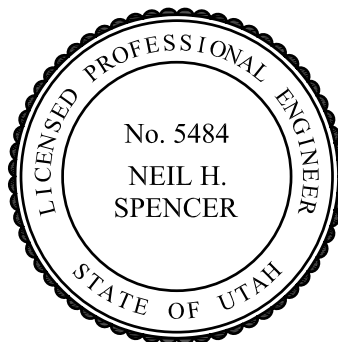
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STORES & RECEIVING
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PHASE 2

Weber State University
Ogden, Utah

PROPERTY ID#: 4016

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DATE:	Dec. 28, 2006
AGENCY PROJECT NO:	05276810
HFSA PROJECT NO:	0528.02
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DRAWN BY:	
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SHEET TITLE	

UPPER FLOOR HVAC
PLAN

MH102

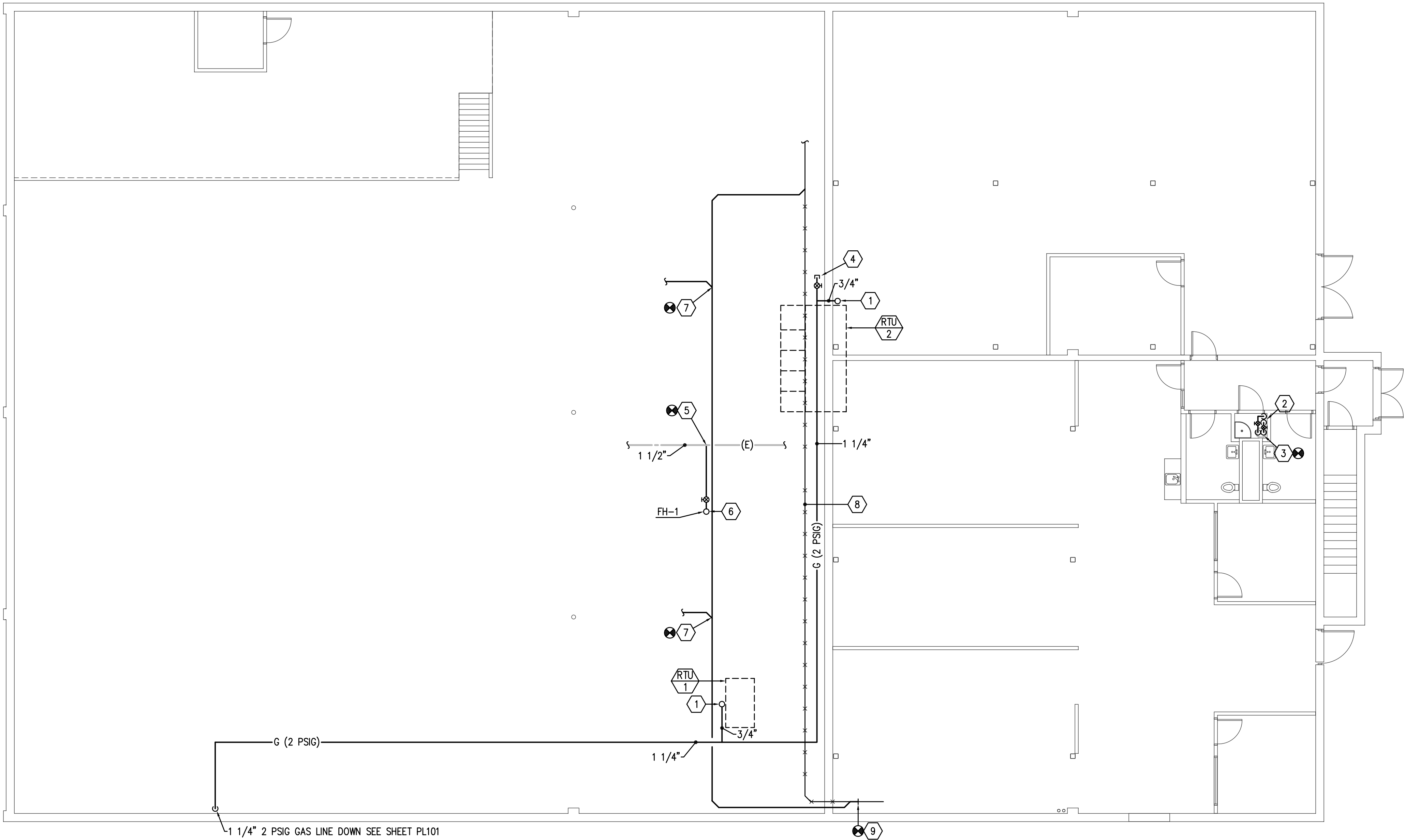
SHEET 9 OF 17

D

C

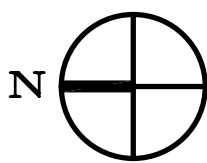
B

A



UPPER FLOOR PLUMBING PLAN

SCALE: 1/8" = 1'-0"



KEYED NOTES

- 1 GAS LINE UP THROUGH ROOF. PROVIDE SHUT OFF VALVE AND GAS PRESSURE REGULATOR. CONNECT TO ROOFTOP UNIT.
- 2 1/2" WATER LINES DOWN. SEE SHEET PL102.
- 3 CONNECT TO EXISTING 3/4" PIPING AT WATER HEATER.
- 4 CAP 1" 2 PSIG GAS LINE FOR FUTURE EXTENSION.
- 5 CONNECT NEW 3/4" CW LINE TO EXISTING 1 1/2" CW LINE.
- 6 3/4" UP. TO FREEZELESS HYDRANT AT ROOF.
- 7 RECONNECT BRANCH ROOF DRAIN LINES TO MAIN LINE. FIELD DETERMINE NUMBER AND SIZE OF BRANCH PIPING.
- 8 RELOCATE EXISTING ROOF DRAIN LINE. FIELD VERIFY EXACT SIZE, AND LOCATION. NUMBER OF BRANCH CONNECTIONS ETC. PRIOR TO STARTING ANY WORK.
- 9 CONNECT TO EXISTING ROOF DRAIN PIPING (APPROX. LOCATION).



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Ogden, Utah

PROPERTY ID#: 4016

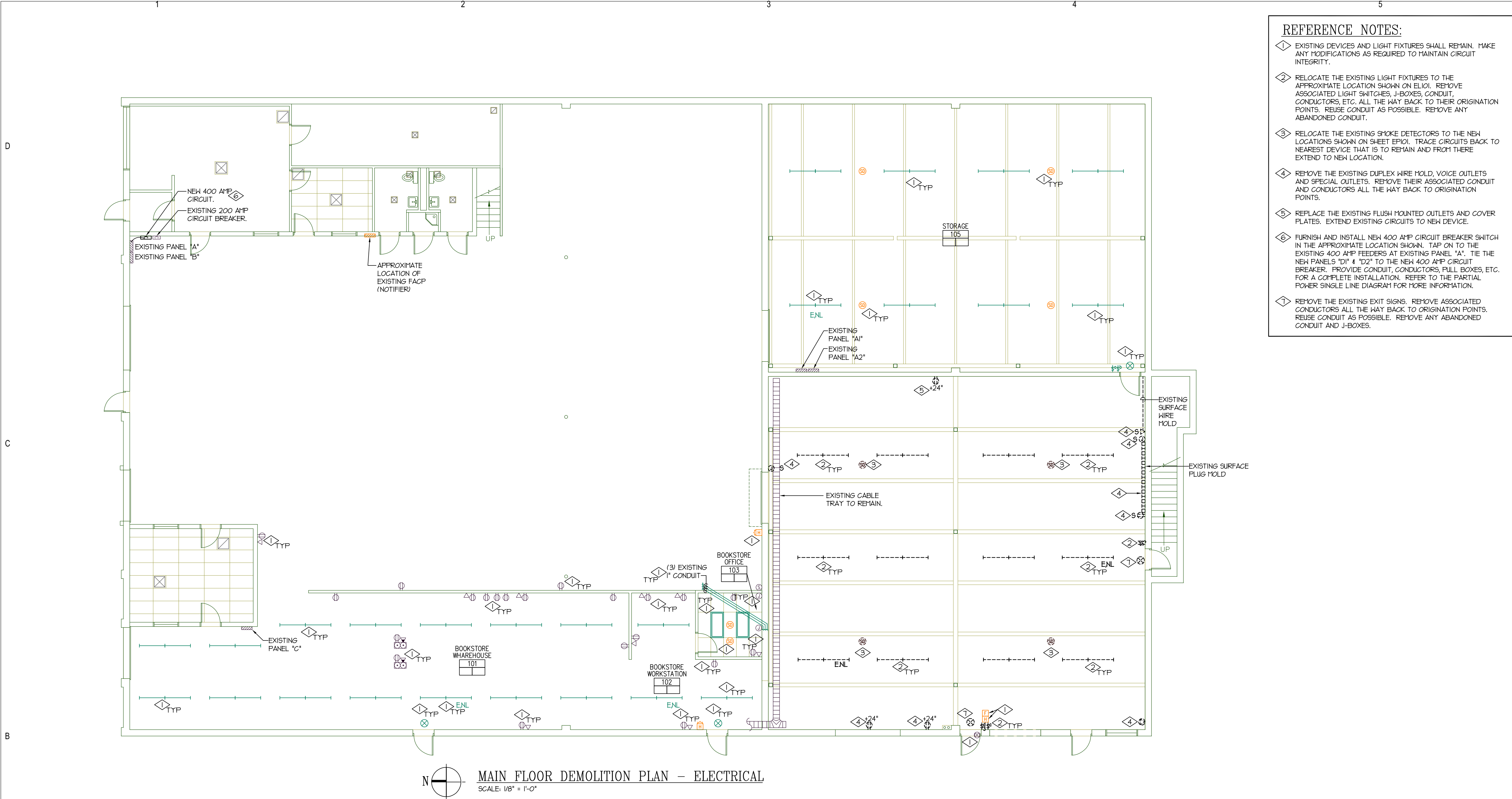
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ARCHITECTURAL PHASE:	100% CONSTRUCTION DRAWINGS
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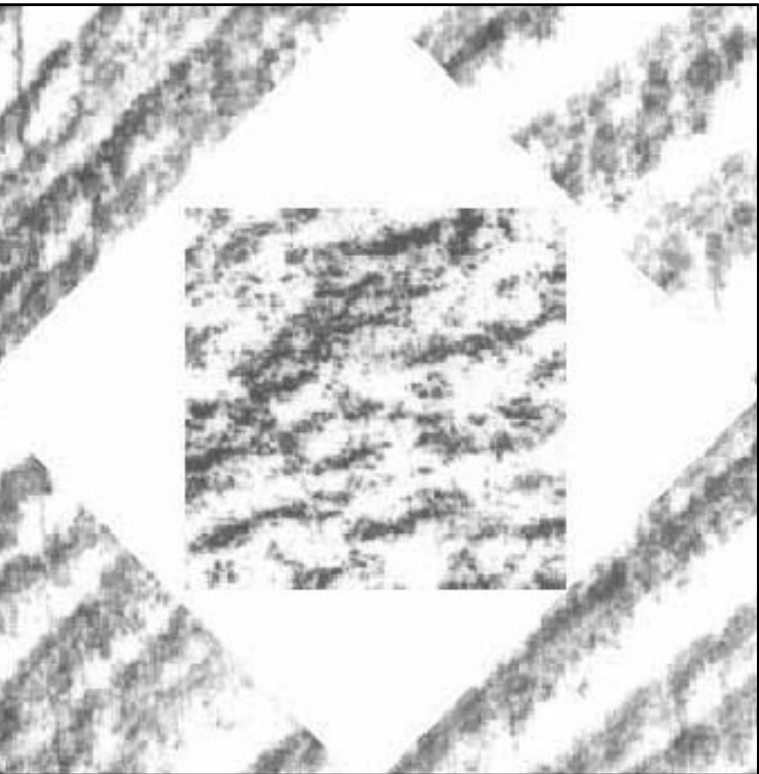
UPPER FLOOR
PLUMBING PLAN

PL102

SHEET 11 OF 17



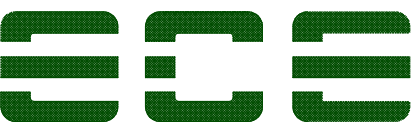
- REFERENCE NOTES:**
- EXISTING DEVICES AND LIGHT FIXTURES SHALL REMAIN. MAKE ANY MODIFICATIONS AS REQUIRED TO MAINTAIN CIRCUIT INTEGRITY.
 - RELOCATE THE EXISTING LIGHT FIXTURES TO THE APPROXIMATE LOCATION SHOWN ON ELI01. REMOVE ASSOCIATED LIGHT SWITCHES, J-BOXES, CONDUIT, CONDUCTORS, ETC. ALL THE WAY BACK TO THEIR ORIGINATION POINTS. REUSE CONDUIT AS POSSIBLE. REMOVE ANY ABANDONED CONDUIT.
 - RELOCATE THE EXISTING SMOKE DETECTORS TO THE NEW LOCATIONS SHOWN ON SHEET EPI01. TRACE CIRCUITS BACK TO NEAREST DEVICE THAT IS TO REMAIN AND FROM THERE EXTEND TO NEW LOCATION.
 - REMOVE THE EXISTING DUPLEX WIRE MOLD, VOICE OUTLETS AND SPECIAL OUTLETS. REMOVE THEIR ASSOCIATED CONDUIT AND CONDUCTORS ALL THE WAY BACK TO ORIGINATION POINTS.
 - REPLACE THE EXISTING FLUSH MOUNTED OUTLETS AND COVER PLATES. EXTEND EXISTING CIRCUITS TO NEW DEVICE.
 - FURNISH AND INSTALL NEW 400 AMP CIRCUIT BREAKER SWITCH IN THE APPROXIMATE LOCATION SHOWN. TAP ON TO THE EXISTING 400 AMP FEEDERS AT EXISTING PANEL "A". TIE THE NEW PANELS "D1" & "D2" TO THE NEW 400 AMP CIRCUIT BREAKER. PROVIDE CONDUIT, CONDUCTORS, PULL BOXES, ETC. FOR A COMPLETE INSTALLATION. REFER TO THE PARTIAL POWER SINGLE LINE DIAGRAM FOR MORE INFORMATION.
 - REMOVE THE EXISTING EXIT SIGNS. REMOVE ASSOCIATED CONDUCTORS ALL THE WAY BACK TO ORIGINATION POINTS. REUSE CONDUIT AS POSSIBLE. REMOVE ANY ABANDONED CONDUIT AND J-BOXES.



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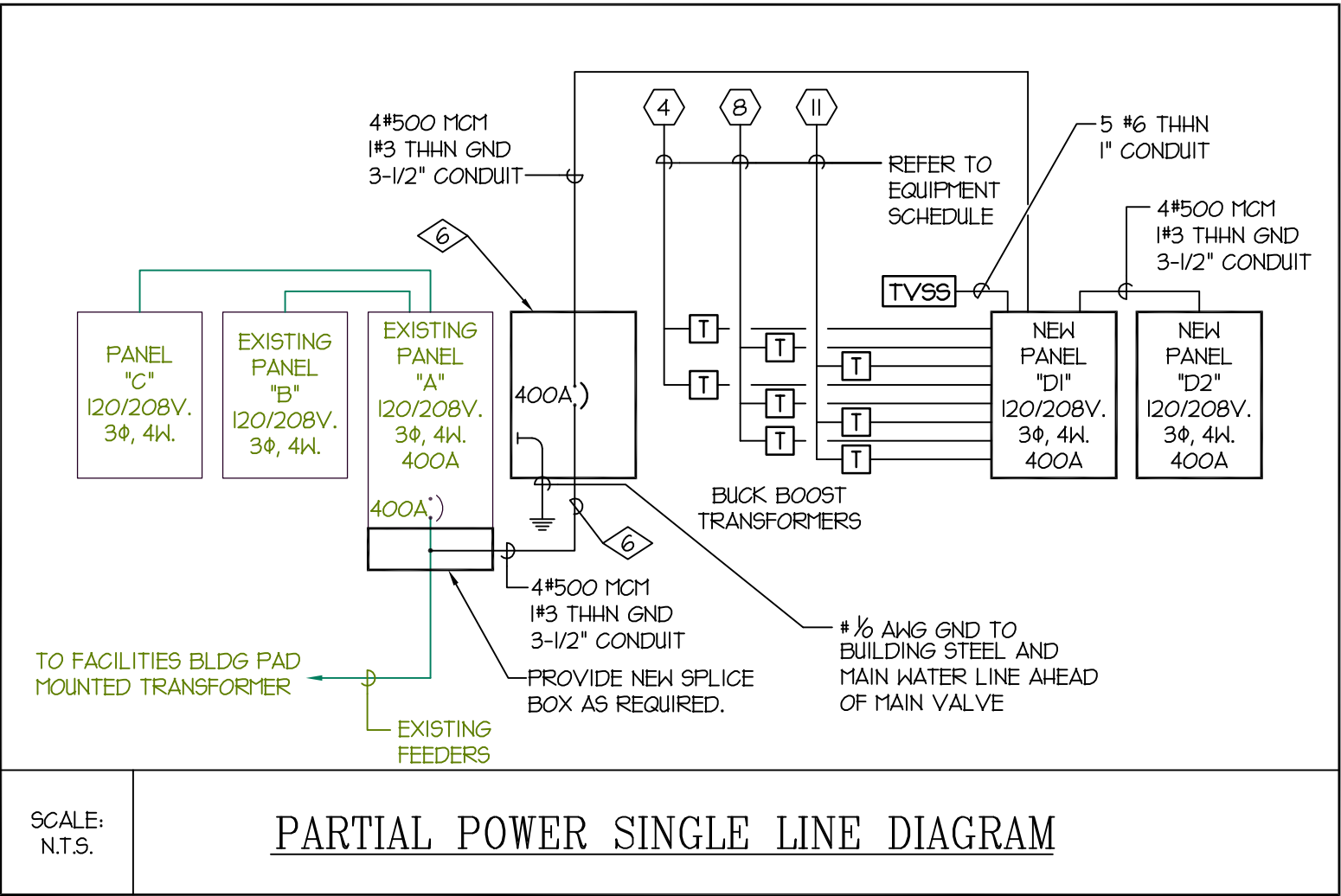
E.C.E. INC.
939 So. West Temple
Salt Lake City, Utah 84101
Telephone (801) 521-8007
Telefax (801) 521-8057

MARK	DATE	DESCRIPTION

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HFSA PROJECT NO:
CAD DWG FILE NO:
DRAWN BY: JLB
CHECKED BY:
DESIGNED BY:
DWG TYPE:
ARCHITECTURAL PHASE:

SHEET TITLE
**MAIN FLOOR DEMOLITION
PLAN ELECTRICAL**

ED101
SHEET 14 OF 17



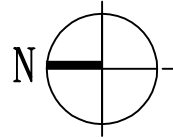
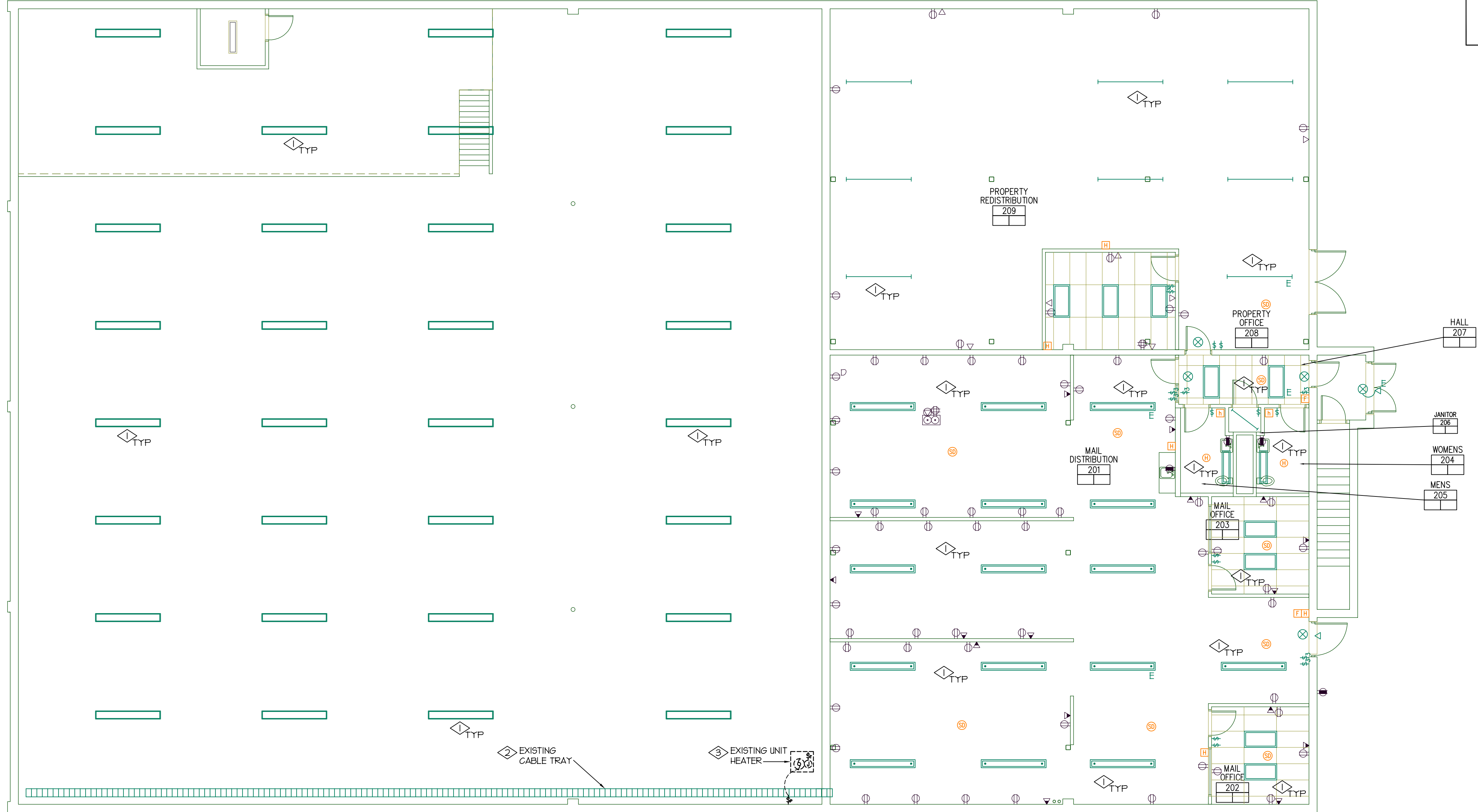
SCALE: N.T.S. PARTIAL POWER SINGLE LINE DIAGRAM

D

C

B

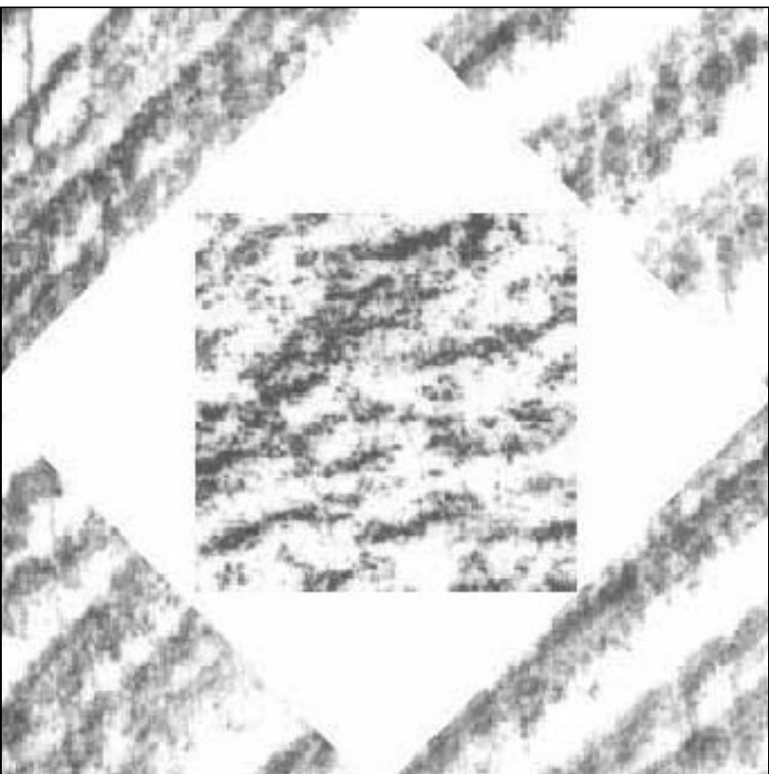
A



UPPER FLOOR DEMOLITION PLAN - ELECTRICAL
SCALE: 1/8" = 1'-0"

REFERENCE NOTES:

- EXISTING DEVICES AND LIGHT FIXTURES SHALL REMAIN. MAKE ANY MODIFICATIONS AS REQUIRED TO MAINTAIN CIRCUIT INTEGRITY.
- EXISTING CABLE TRAY TO REMAIN.
- EXISTING HEATER SHALL BE RELOCATED BY MECHANICAL CONTRACTOR. DISCONNECT POWER AND EXTEND ASSOCIATED CONDUIT, CONDUCTORS, ETC. TO THE NEW LOCATION AS SHOWN ON SHEET EPI02. COORDINATE THIS WORK WITH MECHANICAL CONTRACTOR.



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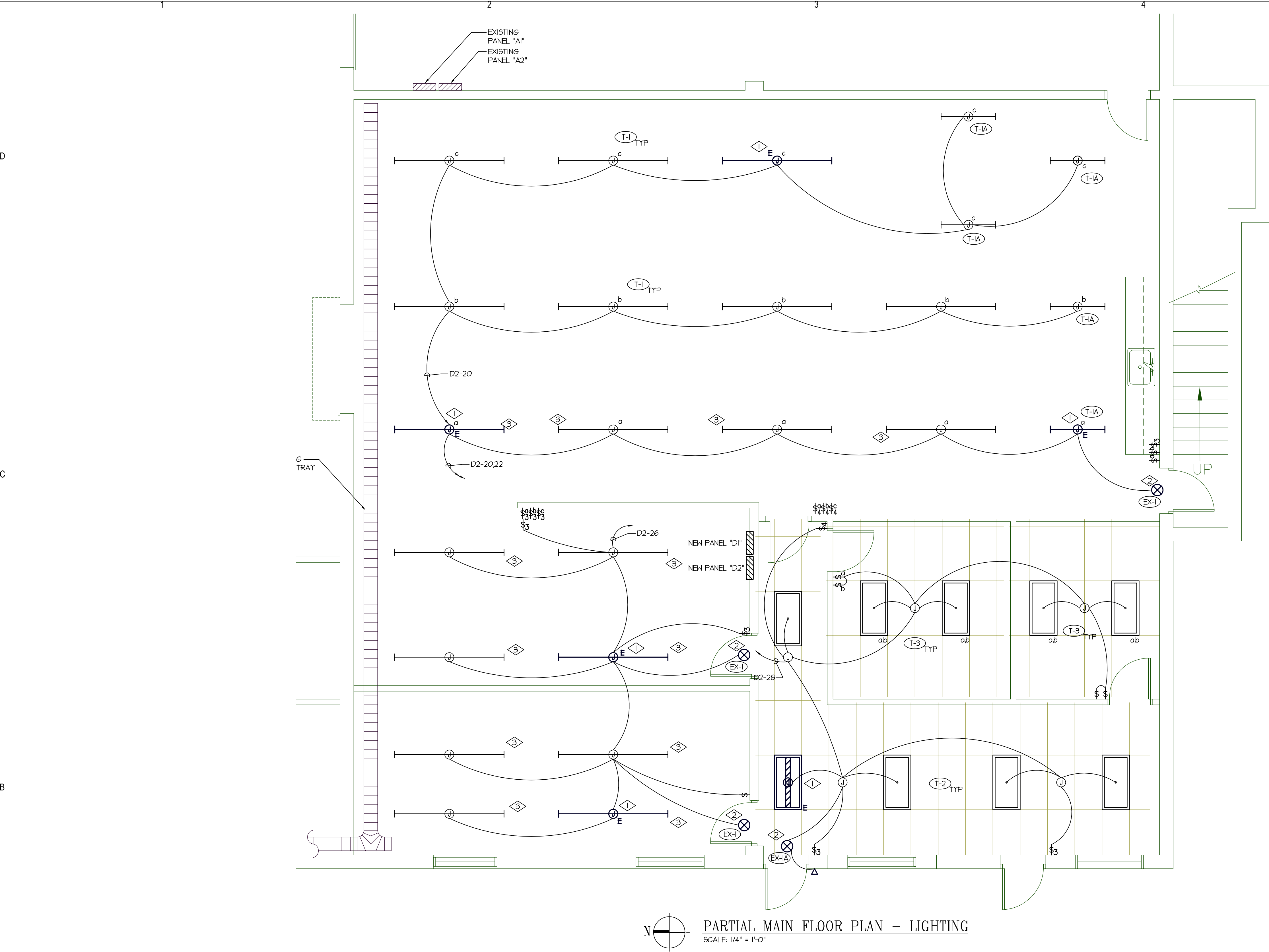
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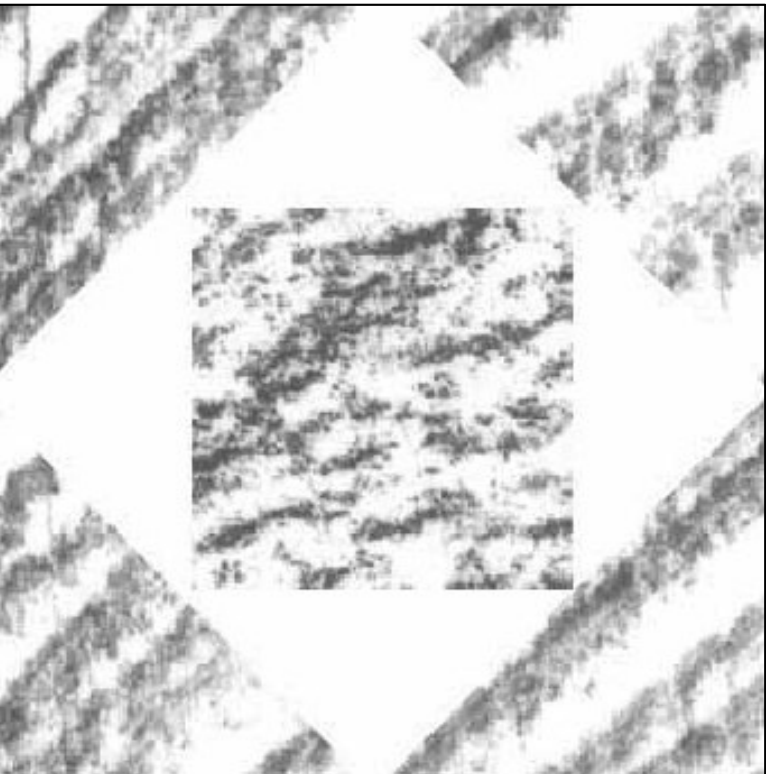
SHEET TITLE
**UPPER FLOOR
DEMOLITION PLAN
ELECTRICAL**

ED102

SHEET 15 OF 17



- REFERENCE NOTES:**
- 1. EMERGENCY LIGHT FIXTURE INDICATED WITH LETTER "E" SHALL BE PROVIDED WITH A 90 MINUTE BATTERY BACK UP TIED TO CENTER LAMP AND SHALL PROVIDE 1100 LUMENS. PROVIDE UNSWITCHED LIGHTING CIRCUIT TO THE BATTERY PACK TO TURN ON CENTER LAMP UPON COMMERCIAL POWER FAILURE.
 - 2. FURNISH AND INSTALL NEW EXIT SIGNS IN THE APPROXIMATE LOCATION SHOWN. TIE TO UNSWITCHED LIGHTING CIRCUIT.
 - 3. INSTALL THE EXISTING LIGHT FIXTURES IN THE APPROXIMATE LOCATION SHOWN. TIE TO THE CIRCUIT INDICATED THROUGH NEW LIGHT SWITCHES. PROVIDE NEW LAMP IN THE RELOCATED FIXTURES. PROVIDE NEW CHAIN HANG KITS AS REQUIRED.



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MARK	DATE	DESCRIPTION

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AGENCY PROJECT NO: _____

HFSA PROJECT NO: _____

CAD DWG FILE NO: _____

DRAWN BY: _____ JLB

CHECKED BY: _____

DESIGNED BY: _____

DWG TYPE: _____

ARCHITECTURAL PHASE: _____

SHEET TITLE
**PARTIAL MAIN FLOOR
PLAN LIGHTING**



